

LOUISVILLE GAS AND ELECTRIC COMPANY

**Response to Attorney General's Initial Data Requests for Information
Dated November 13, 2018**

Case No. 2018-00295

Question No. 90

Responding Witness: Robert M. Conroy

- Q-90. Confirm that in LG&E rate case 2003-00433, the Commission in its Final Order dated June 30, 2004,¹⁴ relying in part on data broken down by NARUC operating expense category, at p. 51-52 removed 45.35% of LG&E's dues paid to Edison Electric Institute ("EEI"), for a total exclusion of \$88,614, because EEI applied that portion of the dues LG&E paid toward: (i) legislative advocacy; (ii) regulatory advocacy; and (iii) public relations [hereinafter jointly referred to as "covered activities"].
- A-90. The Commission's order speaks for itself. The cited pages contain the information quoted above, but do not refer explicitly to NARUC operating expense categories.

¹⁴ Accessible at: https://psc.ky.gov/order_vault/Orders_2004/200300433_06302004.pdf

LOUISVILLE GAS AND ELECTRIC COMPANY

**Response to Attorney General's Initial Data Requests for Information
Dated November 13, 2018**

Case No. 2018-00295

Question No. 91

Responding Witness: Christopher M. Garrett

Q-91. Confirm that since 2007, EEI no longer prepares the same breakout of its activities by NARUC operating expense category.

- a. For each rate case since 2007, provide the allocation the Companies utilized in determining the exclusion of particular EEI dues.
- b. Provide a narrative explanation of the bases used for each rate case allocation provided in response to subpart a., above.

A-91. LG&E does not rely upon any NARUC reports or other studies for the exclusion from or inclusion in rates of a portion of any organizations dues. LG&E relies on information provided on the invoices received from any organization in order to determine the portion of dues that should be excluded from rates.

- a. Following are the allocations that LG&E has used since 2007:

Per books	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
	18%	18%	22%	27%	23%	20%	15%	14%	14%	14%
Per rate cases	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
	18%			27%		20%		14%		14%

- b. The invoices received from EEI are used to determine the allocation used for ratemaking purposes.

LOUISVILLE GAS AND ELECTRIC COMPANY

Response to Attorney General's Initial Data Requests for Information

Dated November 13, 2018

Case No. 2018-00295

Question No. 92

Responding Witness: Christopher M. Garrett

Q-92. Reference FR 16(8)(f), Sch. F-1 of the current application.

- c. Confirm that in the base period, LG&E paid \$309,928.90 in dues to EEI, and excluded \$46,792.28.
- d. Confirm that for the forecasted period, LG&E seeks to recover \$306,562.76 of the dues it believes it will pay to EEI, and to exclude \$52,553.68.
- e. Confirm that for both the base period and the forecasted test period, EEI has engaged in, and will continue to engage in, inter alia, covered activities.
- f. Since EEI no longer breaks out its activities by NARUC operating expense category, provide the basis for LG&E's proposed exclusion of \$52,553.68 in EEI dues from the forecasted test period. Provide copies of all documents supporting both the amount of LG&E's proposed exclusion, and the amounts of EEI dues LG&E suggests should be included for recovery.
- g. Confirm that based on Commission precedent of excluding 45.35% of EEI dues, LG&E should exclude \$167,536.55 from the forecasted period.

A-92.

- c. Yes, amounts are confirmed.
- d. Yes, amounts are confirmed.
- e. LG&E cannot confirm the activity of EEI, but it is assumed in the forecast they will continue their current activities.
- f. Based on the invoice for the EEI membership in 2018, 13% of membership dues and 24% of industry issues should be excluded from the cost of service as those expenses relate to influencing legislation. The combined exclusion of the invoice amount is 14%, which is appropriately applied to the forecasted test period. See the response to question 98 for a copy of the invoice.

The 2019 estimate was provided by PPL. The amount excluded for the forecasted test period was 14% of the amount provided.

- g. No, the Company does not agree with this position. LG&E excluded the appropriate amount of unrecoverable dues based on the information provided on the 2018 invoice from EEI. See the response to Question No. 91(b).

LOUISVILLE GAS AND ELECTRIC COMPANY

Response to Attorney General's Initial Data Requests for Information

Dated November 13, 2018

Case No. 2018-00295

Question No. 93

Responding Witness: Christopher M. Garrett

Q-93. Reference FR 16(8)(f), Sch. F-1.

- h. For the Base Period category, fully identify each vendor falling into the "Various Vendors" and "Other Non-Specific LG&E Dues" categories, as to both recoverable and not recoverable dues.
- i. For both the base and forecasted periods, fully identify all vendors falling in the "Other Non-Specific LG&E Dues" category.
- j. Confirm whether Electric Power Research Institute (EPRI) engages in any one or all of the covered activities. If confirmed as to any one or more of such covered activities, provide the amount of LG&E dues that EPRI applies to the covered activities, both in dollar terms and percentages of total dues.
- k. Confirm that Hunton & Williams, LLP has a lobbying arm/affiliate. Identify the amount of LG&E dues this organization applies toward covered activities, both in terms of dollars and percentages of total dues.
- l. Explain whether North American Transmission Forum engages in covered activities. If so, identify the amount of LG&E dues this organization applies toward covered activities, both in terms of dollars and percentages of total dues.
- m. Explain whether Steptoe & Johnson LLC engages in covered activities. If so, identify the amount of LG&E dues this organization applies toward covered activities, both in terms of dollars and percentages of total dues.
- n. Confirm that the Utility Air Regulatory Group (UAR) engages in covered activities. Identify the amount of LG&E dues that UAR applies toward covered activities, both in terms of dollars and percentages of total dues.
- o. Confirm that the Utility Water Act Group (UWAG) engages in covered activities. Identify the amount of LG&E dues that UWAG applies toward covered activities, both in terms of dollars and percentages of total dues.

- p. Explain whether the Midwest Ozone Group (MOG) engages in covered activities. If so, identify the amount of LG&E dues MOG applies toward covered activities, both in terms of dollars and percentages of total dues.
- q. Explain whether the Utility Solid Waste Activities Group (USWAG) engages in covered activities. If so, identify the amount of LG&E dues that USWAG applies toward covered activities, both in terms of dollars and percentages of total dues.
- r. Confirm that the American Gas Association (“AGA”) engages in covered activities. Identify the amount of LG&E dues that AGA applies toward covered activities, both in terms of dollars and percentages of total dues.

A-93.

- h. See attached the breakdown of vendors falling into “Various Vendors” for both recoverable and not recoverable dues. As indicated in FR 16(8)(f), Sch. F-1, portions of the Base Period Recoverable and Non-Recoverable Dues are not completed in specific vendor detail.
- i. As indicated in FR 16(8)(f), Sch. F-1, portions of the Forecasted Period Recoverable and Non-Recoverable Dues are not completed in specific vendor detail.
- j. Electric Power Research Institute (EPRI) does not engage in any covered activities.
- k. Coal Combustion Residuals (CCR) Legal Resources Group and New Source Review (NSR) Legal Resources Group are billed through Hunton & Williams, LLP. Both groups are not engaged in covered activities.
- l. North American Transmission Forum does not engage in covered activities.
- m. Steptoe & Johnson LLC is an agent of Midwest Ozone Group that engages in covered activities.
- n. Utility Air Regulatory Group (UARG) engages in covered activities.
- o. Utility Water Act Group (UWAG) engages in covered activities.
- p. Midwest Ozone Group (MOG) engages in covered activities.
- q. Utility Solid Waste Activities Group (USWAG) engages in covered activities.
- r. American Gas Association (“AGA”) engages in covered activities. For the year 2018, 3.1% of AGA dues or \$6,552 are non-recoverable.

Breakdown of "Various Vendors" - Recoverable

Vendor Name	Employee Dues
BOSTON COLLEGE	2,300.00
THE INSTITUTE OF INTERNAL AUDITORS	2,221.86
NACE INTERNATIONAL INSTITUTE	1,880.00
LOUISVILLE BAR ASSOCIATION	1,186.80
INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)	1,044.38
PROJECT MANAGEMENT INSTITUTE (PMI)	824.32
ENERGY AND MINERAL LAW	818.40
NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION	779.58
TANDEM SOLUTION	668.80
HODGENVILLE ROTARY CLUB	660.71
WEATHERBELL ANALYTICS	629.20
WSI CORPORATION	600.00
INDUSTRIAL ASSET MANAGEMENT COUNCIL, INC	592.20
SURVEY SITE	510.00
INFORMATION SYSTEMS SECURITY	507.00
KENTUCKY STATE BOARD OF LICENSURE FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS	458.00
AMERICAN BAR ASSOCIATION	429.64
UOFL DELPHI CTR	340.60
AMERICAN BIOGAS COUNCIL	340.32
NSPE (NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS)	338.20
INSTITUTE OF MANAGEMENT ACCOUNTANTS	335.80
AICPA	334.00
SOS INT'L LLC	331.50
PROFESSIONAL ENGINEERING LICENSE RENEWAL	328.50
CCIM INSTITUTE	308.00
KENTUCKIANA USERS COUNCIL	300.00
THE LAW CLUB	276.00
SUBSTANCE ABUSE PROGRAM ADMINISTRATORS ASSOCIATION (SAPAA)	275.00
ISACA	252.20
PAYROLL PROFESSIONALS OF KENTUCKIANA	250.00
PUBLIC RELATIONS SOCIETY OF AMERICA	231.00
AMERICAN PAYROLL ASSOCIATION	219.00
LEADERSHIP LOUISVILLE	219.00
STATE OF INDIANA	199.30
ENERGY BAR ASSOCIATION	197.80
THE WALL STREET JOURNAL	193.03
SOCIETY OF HUMAN RESOURCE MANAGEMENT	191.50
CGMA & AICPA	186.75
NBMBA	175.00
INTERNATIONAL ENERGY CREDIT ASSOCIATION (IECA)	156.00
AIR & WASTE MANAGEMENT ASSOCIATION	140.40
ASSOCIATION OF ENERGY ENGINEERS	140.40
SANS INSTITUTE	122.57
AMERICAN SOCIETY OF SAFETY ENGINEERS	122.39
INDIANA CPA SOCIETY, INC.	121.90
CLE CENTER	114.54
ATD (ASSOCIATION OF TALENT DEVELOPMENT)	114.50
INTERNATIONAL RIGHT OF WAY ASSOCIATION	114.40
WOMEN IN DIGITAL PROFESSIONAL ORGANIZATION	110.40
CPA LICENSE RENEWAL	106.11
INSTITUTE OF SUPPLY MANAGEMENT	105.00
TAX EXECUTIVES INSTITUTE	103.50
KENTUCKIANA CHAPTER OF PMI	92.04
KY ASSOCIATION OF MAPPING PROFESSIONALS	91.25
APICS	90.00

Breakdown of "Various Vendors" - Recoverable

Vendor Name	Employee Dues
ACFE	89.70
ARMA (RECORD MANAGEMENT SOCIETY)	87.50
FOREFLIGHT	82.68
ISC2 (CYBERSECURITY AND IT SECURITY PROFESSIONAL ORGANIZATION)	78.00
UTILITY SAFETY & OPS LEADERSHIP NETWORKS (USOLN)	72.50
NFPA NATL FIRE PROTECT	70.00
FORENSIC CPA SOCIETY	69.00
ASSOCIATION FOR THE ADVANCEMENT OF ARTIFICIAL INTELLIGENCE	55.10
CERTIFIED INFORMATION SYSTEMS SECURITY PROFESSIONAL (CISSP)	44.20
AMERICAN SOCIETY OF MECHANICAL ENGINEERS	44.08
PVA OF JEFFERSON COUNTY	44.00
INDIANA STATE BOARD OF PROFESSIONAL ENGINEERS	41.17
DOWNTOWN HENDERSON PARTNERSHIP	39.60
SOCIETY OF WOMEN ENGINEERS	37.05
AXOSOFT	22.54
KENTUCKY SOCIETY OF PROFESSIONAL ENGINEERS	21.28
KENTUCKY STATE TREASURER	13.40
ASSOCIATED PRESS STYLEBOOK	7.04
AMAZON	(13.80)
Total Employee Dues	24,683.83

Vendor Name	Company Dues
UNIVERSITY OF MISSOURI	4,500.00
PJM INTERCONNECTION LLC	3,962.33
CENTER FOR ENERGY WORKFORCE DEVELOPMENT	2,083.34
KENTUCKY CLEAN FUELS COALITION	1,380.00
URBAN LEAGUE OF GREATER CINCINNATI	1,250.00
HUMAN RESOURCE CERTIFICATION PREPARATION (HRCP) MEMBERSHIP	847.50
INDIANA COAL COUNCIL INC	648.00
NATIONAL ELECTRICAL MANUFACTURING ASSOCIATION (NEMA)	633.60
WORLD TRADE CENTER	360.00
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR INC	333.33
INTERNATIONAL AVAYA USERS GROUP	208.00
INTERNATIONAL ASSOCIATION OF IT ASSET MANAGERS	189.80
PLURALSIGHT	155.48
LOUISVILLE CHAPTER OF KSPE	150.00
SURVEY MONKEY	118.44
CINCINNATI COAL EXCHANGE	84.00
PROJECT MANAGEMENT INSTITUTE (PMI)	82.68
INSTITUTE OF HAZARDOUS MATERIALS MANAGEMENT	57.60
ASCAP	57.04
THE ELEARNING GUILD	51.48
THE WALL STREET JOURNAL	41.33
NEXMO LTD	33.36
KENTUCKY STATE TREASURER	2.48
Total Company Dues	17,229.79
Total Company and Employee Dues	41,913.62

Breakdown of "Various Vendors" - Non-Recoverable

Vendor Name	Amount
BULLITT COUNTY CHAMBER OF COMMERCE	1,000.00
CARROLL COUNTY CHAMBER OF COMMERCE	80.00
COMMERCE LEXINGTON	22.05
ENERGY & MINERAL LAW FOUNDATION	198.00
GREATER LOUISVILLE INC.	360.00
INDIANA COAL COUNCIL INC.	72.00
LOUISVILLE BAR ASSOCIATION	315.00
OLDHAM COUNTY CHAMBER OF COMMERCE	300.00
ROTARY CLUB OF LOUISVILLE	850.00
SHELBY COUNTY CHAMBER OF COMMERCE	719.40
THE ECONOMIST NEWSPAPER	68.40
AMERICAN GO ASSOCIATION (USGO)	225.00
Total	4,209.85

LOUISVILLE GAS AND ELECTRIC COMPANY

**Response to Attorney General's Initial Data Requests for Information
Dated November 13, 2018**

Case No. 2018-00295

Question No. 94

Responding Witness: Robert M. Conroy

- Q-94. Provide copies of the Annual Reports of EEI, EPRI, and of every other organization which require the Companies to pay dues [hereinafter collectively referred to as the "Dues Requiring Organizations"] since the conclusion of the Companies' last rate case.
- A-94. The Company does not collect and retain the requested information for its corporate files. The documents requested would require an expensive and burdensome electronic search. The requested information is thus not readily available.

LOUISVILLE GAS AND ELECTRIC COMPANY

**Response to Attorney General's Initial Data Requests for Information
Dated November 13, 2018**

Case No. 2018-00295

Question No. 95

Responding Witness: Christopher M. Garrett

Q-95. State whether the AGA continues to break out dues that its members pay by operating expense category, as was provided in LG&E's responses to post-hearing data requests, item no. 11, in Case No. 2003-00433.¹⁵ Provide the most recent such break-out.

A-95. Yes, see attached.

¹⁵ Accessible at: https://psc.ky.gov/PSCSCF/2003%20cases/2003-00434/KU_Response_051704.pdf

AMERICAN GAS ASSOCIATION
2019 and 2018 BUDGETS

	\$ 2019 <u>ALLOCATION</u>	% 2019 <u>ALLOCATION</u>	\$ 2018 <u>ALLOCATION</u>	% 2018 <u>ALLOCATION</u>
<u>Expenses</u>				
Communications	\$3,551,000	9.51%	\$4,826,000	12.11%
Corporate Affairs	\$4,603,000	12.32%	\$4,971,000	12.47%
Energy Markets, Analysis, and Standards	\$4,503,000	12.06%	\$5,556,000	13.94%
General and Administrative	\$8,298,000	22.22%	\$8,491,000	21.31%
General Counsel and Regulatory Affairs	\$2,616,000	7.00%	\$3,218,000	8.08%
Government Affairs and Public Policy	\$4,390,000	11.75%	\$4,401,000	11.04%
Industry Finance & Administrative Programs	\$1,073,000	2.87%	\$1,161,000	2.91%
Operations and Engineering	<u>\$8,319,000</u>	<u>22.27%</u>	<u>\$7,225,000</u>	<u>18.13%</u>
Expense Budget *	\$37,353,000	100.00%	\$39,849,000	100.00%

Notes

AGA estimates that lobbying related expenses, as defined under IRC Section 162, will account for 3.1% of member dues in 2018 and 3.5% of member dues in 2019.

* Does not include certain expenses or activities not funded by annual member company dues.

LOUISVILLE GAS AND ELECTRIC COMPANY

**Response to Attorney General's Initial Data Requests for Information
Dated November 13, 2018**

Case No. 2018-00295

Question No. 96

Responding Witness: Christopher M. Garrett

- Q-96. For each Dues Requiring Organization, provide: (i) the amount of dues the Companies paid during the base period; (ii) the amount they are asking to be recovered from customers during the forecasted period. Provide the complete basis for LG&E's determination of whether dues should be recoverable or not recoverable.
- A-96. See Tab 59 of the Filing Requirements at page 2. Recoverable and non-recoverable dues are trended based on a review of each component of historical dues. Recovery is based on operational benefit to the customer and prior precedent of the Commission.

LOUISVILLE GAS AND ELECTRIC COMPANY

**Response to Attorney General's Initial Data Requests for Information
Dated November 13, 2018**

Case No. 2018-00295

Question No. 97

Responding Witness: Christopher M. Garrett

- Q-97. Provide a copy of the formula(s) used to compute, and the actual calculation of the dues the Company paid to each Dues Requiring Organization since the conclusion of the Company's last rate case.
- A-97. See attached. Dues are recorded on LG&E's books based on actual invoices received from such organizations.

Company	Vendor Name	Dues Calculation Method
LGE	American Gas Association	Based off Gas Operating Income
LGE	Edison Electric Institute (EEI)	Based on Total Average number of customers served, total revenue, and generation owned capacity
LGE	Electric Power Research Institute (EPRI)	Based on Generator capacity (coal, gas, hydro, nuclear), peak transmission and thru put on distribution.
LGE	University of Louisville Research Foundation Inc.	Calculation not available
LGE	North American Transmission Forum	Load ratio share
LGE	Hunton and Williams LLP (CCR Legal Resources Group)	Flat annual fee
LGE	Hunton and Williams LLP (NSR Legal Resources Group)	Flat annual fee
LGE	Baker Botts LLP (Class of 85 and Cross Cutting Issues)	Flat annual fee
LGE	Steptoe & Johnson LLC (MOG)	Mega Watts & Size of Company (electric generation capacity only)
LGE	Utility Air Regulatory Group (UARG)	Mega Watts & Size of Company
LGE	Utility Water Act Group (UWAG)	Mega Watts & Size of Company (electric generation capacity only)
LGE	Utility Solid Waste Activities Group (USWAG)	Mega Watts & Size of Company
LGE	University of Missouri	Calculation not available (annual membership & board appt)
LGE	Various Vendors and Other non-specific LG&E dues	Calculation not available

LOUISVILLE GAS AND ELECTRIC COMPANY

**Response to Attorney General's Initial Data Requests for Information
Dated November 13, 2018**

Case No. 2018-00295

Question No. 98

Responding Witness: Christopher M. Garrett

- Q-98. Provide a complete copy of invoices received from each Dues Requiring Organization since the conclusion of the Company's last rate case.
- A-98. See attached copies of 2017 and 2018 invoices received from Organization Memberships as presented in FR 16(8)(f), Sch. F-1.

File # 401205

AMERICAN GAS ASSOCIATION

Invoice # 115499

Invoice
for
LG&E-KU, PPL Companies

Jan 12, 2018

Dacia Harris
Budget Analyst I
LG&E-KU, PPL Companies
820 W. Broadway
Louisville, KY 40202

DESCRIPTION	AMOUNT
Dues for 2018 membership year: \$211,356.00	
Annual Payment	\$211,356.00

LGE

REMIT PAYMENT WITH DUPLICATE COPY OF INVOICE TO:

AMERICAN GAS ASSOCIATION
Post Office Box 79226
Baltimore, MD 21279-0226
Telephone (202) 824-7256
Fax (202) 824-9156

IMPORTANT IRS REQUIRED NOTICE

Dues payments, contributions or gifts to the American Gas Association are not tax deductible as charitable contributions for federal income tax purposes. However, they may be deductible as ordinary and necessary business expenses subject to restrictions imposed as a result of AGA's lobbying activities as defined by the Budget Reconciliation Act of 1993. AGA estimates that the nondeductible portion of your 2018 dues – the portion that is allocable to lobbying is 3.1%.

Included with membership is a one-year subscription to American Gas, the subscription rate for which is \$59.00 per year for U.S. and Canadian subscribers and \$110.00 per year for international subscribers and is not deductible from member dues.

File # 401205

AMERICAN GAS ASSOCIATION

Invoice # 104440

Invoice
for
LG&E-KU, PPL Companies

Jan 25, 2017

Gloria Dickson
Budget Analyst
LG&E-KU, PPL Companies
220 West Main Street
Louisville, KY 40202

DESCRIPTION	AMOUNT
Dues for 2017 membership year: \$204,426.00	
Annual Payment	\$204,426.00

REMIT PAYMENT WITH DUPLICATE COPY OF INVOICE TO:

AMERICAN GAS ASSOCIATION
Post Office Box 79226
Baltimore, MD 21279-0226
Telephone (202) 824-7256
Fax (202) 824-9156

IMPORTANT IRS REQUIRED NOTICE

Dues payments, contributions or gifts to the American Gas Association are not tax deductible as charitable contributions for federal income tax purposes. However, they may be deductible as ordinary and necessary business expenses subject to restrictions imposed as a result of AGA's lobbying activities as defined by the Budget Reconciliation Act of 1993. AGA estimates that the nondeductible portion of your 2017 dues – the portion that is allocable to lobbying is 6.4%.

Included with membership is a one-year subscription to American Gas, the subscription rate for which is \$59.00 per year for U.S. and Canadian subscribers and \$110.00 per year for international subscribers and is not deductible from member dues.

*Received
email
1/26/17*

BAKER BOTTS LLP

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RIYADH
SAN FRANCISCO
WASHINGTON

December 8, 2017

Mr. Robert J. Ehrler
Senior Counsel and Environmental Policy Manager
LG&E and KU Energy LLC
220 West Main Street
Louisville, Kentucky 40202
bob.ehrler@lge-ku.com

Statement of Fees for Participation in the Cross-Cutting Issues Group for the month of December 2017.

TOTAL AMOUNT DUE: \$2,916.67

LGE - \$1,137.50
KU - \$1,779.17

Please remit to:

**Baker Botts L.L.P.
P.O. Box 301251
Dallas, TX 75303-1251**

Taxpayer [REDACTED]

BAKER BOTTS LLP

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December 18, 2017

Mr. Robert J. Ehrler
Senior Counsel and Environmental
Policy Manager
LG&E and KU Energy LLC
220 West Main Street
PO Box 32010
Louisville, KY 40202

Statement of Fees for Participation in the Class of '85 Regulatory Response Group

Payment for:

January - December 2018 \$39,600

TOTAL AMOUNT DUE \$39,600*

*Please note that if not paid in full by 12/31/2017, the annual fee will increase to \$40,800.

Please remit to:

Baker Botts L.L.P.
P.O. Box 301251
Dallas, TX 75303-1251

Taxpayer I.D. [REDACTED]

LGE - \$ 15,912.00
KU - \$ 24,888.00

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January 8, 2018

Mr. Robert J. Ehrler
Senior Counsel and Environmental Policy Manager
LG&E and KU Energy LLC
220 West Main Street
Louisville, Kentucky 40202
rob.ehrler@lge-ku.com

Statement of Fees for Participation in the Cross-Cutting Issues Group for the month of January 2018.

TOTAL AMOUNT DUE: \$2,916.67

LGE - \$1,137.50
KU - \$1,779.17

Please remit to:

**Baker Botts L.L.P.
P.O. Box 301251
Dallas, TX 75303-1251**

Taxpayer I.D. 

BAKER BOTTS LLP

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February 8, 2018

Mr. Robert J. Ehrler
Senior Counsel and Environmental Policy Manager
LG&E and KU Energy LLC
220 West Main Street
Louisville, Kentucky 40202
bob.ehrler@lge-ku.com

Statement of Fees for Participation in the Cross-Cutting Issues Group for the month of February 2018.

TOTAL AMOUNT DUE: \$2,916.67

LGE - \$1,137.50
KU - \$1,779.17

Please remit to:

**Baker Botts L.L.P.
P.O. Box 301251
Dallas, TX 75303-1251**

Taxpayer I.D. [REDACTED]

BAKER BOTTS LLP

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March 8, 2018

Mr. Robert J. Ehrler
Senior Counsel and Environmental Policy Manager
LG&E and KU Energy LLC
220 West Main Street
Louisville, Kentucky 40202
bob.ehrler@lge-ku.com

Statement of Fees for Participation in the Cross-Cutting Issues Group for the month of March 2018.

TOTAL AMOUNT DUE: \$2,916.67

LGE - \$1,137.50
KU - \$1,779.17

Please remit to:

Baker Botts L.L.P.
P.O. Box 301251
Dallas, TX 75303-1251

Taxpayer I.D. [REDACTED]

BAKER BOTTS LLP

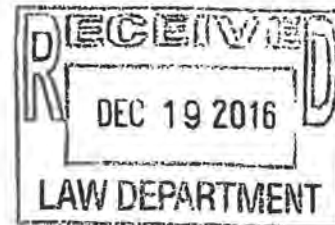
THE WARNER
1299 PENNSYLVANIA AVE., NW
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WASHINGTON

December 14, 2016



Mr. Robert J. Ehrler
Senior Counsel and Environmental Policy Manager
LG&E and KU Energy LLC
220 West Main Street
PO Box 32010
Louisville, KY 40202

In. No.
C85-121416

Statement of Fees for Participation in the Class of '85 Regulatory Response Group

December 2016	\$3,200
TOTAL AMOUNT DUE	\$3,200

Summary of Activities: Draft and distribute memoranda and emails to members regarding Clean Air Act issues; review status of EPA and citizen group lawsuits based on various Clean Air Act Programs; send summaries to clients of various Clean Air Act actions; review Federal Register notices and EPA guidance; request clarifications from EPA on various rules; correspondence with EPA staff regarding recent regulatory developments; respond to client questions regarding various Clean Air Act developments.

Please remit to:

Baker Botts L.L.P.
P.O. Box 301251
Dallas, TX 75303-1251

LGE - \$1,216.00

KU - \$1,984.00

Taxpayer I.D. [REDACTED]

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December 14, 2016

Mr. Robert J. Ehrler
Senior Counsel and Environmental
Policy Manager
LG&E and KU Energy LLC
220 West Main Street
PO Box 32010
Louisville, KY 40202

Inv. No. ~~685001~~
~~685001~~

Statement of Fees for Participation in the Class of '85 Regulatory Response Group

Payment for:

January - December 2017	\$38,400
TOTAL AMOUNT DUE	\$38,400*

*Please note that if not paid in full by 12/31/2016, the annual fee will increase to \$39,600.

Please remit to:

Baker Botts L.L.P.
P.O. Box 301251
Dallas, TX 75303-1251

Taxpayer I.D. [REDACTED]

LGE - \$15,048
KU - \$24,552

BAKER BOTTS L.L.P.

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January 12, 2017

Mr. Robert J. Ehrler
Senior Counsel and Environmental Policy Manager
LG&E and KU Energy LLC
220 West Main Street
Louisville, Kentucky 40202
bob.ehrler@lge-ku.com

Invoice #
~~001-011217~~

Statement of Fees for Participation in the Cross-Cutting Issues Group for the month of January 2017

TOTAL AMOUNT DUE: \$2,916.66

LGE - \$ 1,108.33
KU - \$ 1,808.33

Please remit to:

Baker Botts L.L.P.
P.O. Box 301251
Dallas, TX 75303-1251

Taxpayer I.D. [REDACTED]

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WASHINGTON

BAKERB 02 1017

February 10, 2017

Mr. Robert J. Ehrler
Senior Counsel and Environmental Policy Manager
LG&E and KU Energy LLC
220 West Main Street
Louisville, Kentucky 40202
rob.ehrler@lge-ku.com

Statement of Fees for Participation in the Cross-Cutting Issues Group for the month of February 2017

TOTAL AMOUNT DUE: \$2,916.67

LGE - \$ 1,108.33
KU - \$ 1,808.34

Please remit to:

Baker Botts L.L.P.
P.O. Box 301251
Dallas, TX 75303-1251

Taxpayer I.D. [REDACTED]

BAKER BOTTS LLP

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HOUSTON	WASHINGTON

March 7, 2017

Mr. Robert J. Ehrler
Senior Counsel and Environmental Policy Manager
LG&E and KU Energy LLC
220 West Main Street
Louisville, Kentucky 40202
bob.ehrler@lge-ku.com

Statement of Fees for Participation in the Cross-Cutting Issues Group for the month of March 2017.

TOTAL AMOUNT DUE: \$2,916.67

LGE - 1,108.33

KU - 1,808.34

Please remit to:

Baker Botts L.L.P.
P.O. Box 301251
Dallas, TX 75303-1251

Taxpayer I.D. [REDACTED]

BAKER BOTTS LLP

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FAX +1 202.639.7890
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SAN FRANCISCO
WASHINGTON

April 12, 2017

Mr. Robert J. Ehrler
Senior Counsel and Environmental Policy Manager
LG&E and KU Energy LLC
220 West Main Street
Louisville, Kentucky 40202
rob.ehrler@lge-ku.com

Statement of Fees for Participation in the Cross-Cutting Issues Group for the month of April 2017.

TOTAL AMOUNT DUE: \$2,916.67

LGE - \$1,108.33
KU - \$1,808.34

Please remit to:

Baker Botts L.L.P.
P.O. Box 301251
Dallas, TX 75303-1251

Taxpayer I.D. [REDACTED]

BAKER BOTTS LLP

THE WARNER
1299 PENNSYLVANIA AVE., NW
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SAN FRANCISCO
WASHINGTON

May 5, 2017

Mr. Robert J. Ehrler
Senior Counsel and Environmental Policy Manager
LG&E and KU Energy LLC
220 West Main Street
Louisville, Kentucky 40202
rob.ehrler@lge-ku.com

Statement of Fees for Participation in the Cross-Cutting Issues Group for the month of May 2017.

TOTAL AMOUNT DUE: \$2,916.67

LGE - \$1,108.33
KU - \$1,808.34

Please remit to:

Baker Botts L.L.P.
P.O. Box 301251
Dallas, TX 75303-1251

Taxpayer I.D. [REDACTED]

BAKER BOTTS LLP

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1299 PENNSYLVANIA AVE., NW
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WASHINGTON

BAKERB 060577
6/5/17

June 5, 2017

Mr. Robert J. Ehrler
Senior Counsel and Environmental Policy Manager
LG&E and KU Energy LLC
220 West Main Street
Louisville, Kentucky 40202
rob.ehrler@lge-ku.com

Statement of Fees for Participation in the Cross-Cutting Issues Group for the month of June 2017.

TOTAL AMOUNT DUE: \$2,916.67

LGE - \$1,108.33
KU - \$1,808.34

Please remit to:

**Baker Botts L.L.P.
P.O. Box 301251
Dallas, TX 75303-1251**

Taxpayer I.D. [REDACTED]

BAKER BOTTS LLP

THE WARNER
1299 PENNSYLVANIA AVE., NW
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WASHINGTON

July 5, 2017

Mr. Robert J. Ehrler
Senior Counsel and Environmental Policy Manager
LG&E and KU Energy LLC
220 West Main Street
Louisville, Kentucky 40202
bob.ehrler@lge-ku.com

BAKERBOTT 7/12/17

Statement of Fees for Participation in the Cross-Cutting Issues Group for the month of July 2017.

TOTAL AMOUNT DUE: \$2,916.67

LGE - \$ 1,108.33
KU - \$ 1,808.34

Please remit to:

Baker Botts L.L.P.
P.O. Box 301251
Dallas, TX 75303-1251

Taxpayer ID. [REDACTED]

BAKER BOTTS LLP

THE WARNER
1299 PENNSYLVANIA AVE., NW
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SAN FRANCISCO
WASHINGTON

August 4, 2017

Mr. Robert J. Ehrler
Senior Counsel and Environmental Policy Manager
LG&E and KU Energy LLC
220 West Main Street
Louisville, Kentucky 40202
bob.ehrler@lge-ku.com

Statement of Fees for Participation in the Cross-Cutting Issues Group for the month of August 2017.

TOTAL AMOUNT DUE: \$2,916.67

LGE - \$ 1,108.33

KU - \$ 1,808.34

Please remit to:

**Baker Botts L.L.P.,
P.O. Box 301251
Dallas, TX 75303-1251**

Taxpayer I.D. [REDACTED]

Invoice for Membership Dues

**Edison Electric
INSTITUTE**

MR. WILLIAM H. SPENCE
CHAIRMAN, PRESIDENT & CEO
PPL CORPORATION
2 N 9TH STREET
ALLENTOWN, PA 18101

Date	Invoice Number
12/13/2017	DUES201850

Payment due on or before 1/31/2018

Description	Total
2018 EEI Membership Dues for:	
Regular Activities of Edison Electric Institute ¹	\$1,171,634
Industry Issues ²	117,163
Restoration, Operations, and Crisis Management Program ³	15,000
2018 Contribution to The Edison Foundation, which funds IEI ⁴	A 30,000
Total	\$1,333,797

1 The portion of 2018 membership dues relating to influencing legislation, which is not deductible for federal income tax purposes, is estimated to be 13%.

2 The portion of the 2018 industry issues support relating to influencing legislation is estimated to be 24%.

3 The Restoration, Operations, and Crisis Management Program is related to improvements to industry-wide responses to major outages (e.g. National Response Event); continuity of industry and business operations; and EEI's all hazards (storms, cyber, etc.) support and coordination of the industry during times of crises. No portion of this assessment is allocable to influencing legislation.

4 The Edison Foundation is an IRC 501(c)(3) educational and charitable organization. Contributions are deductible for federal income tax purposes to the extent provided by law. Please consult your tax advisor with respect to your specific situation.

PLEASE NOTE INFORMATION FOR ELECTRONIC PAYMENT

The following instructions should be used when transferring funds electronically (ACH or wire) to Edison Electric Institute:

Beneficiary's Bank:
Bank's Address:
Bank's ABA Number:
Beneficiary:
Beneficiary's Acct No:
Beneficiary's Address:
Beneficiary Reference:



1,333,797
A 30,000

1,303,797
x .65

847,468.05
- LGE \$ 345,612.76
- KU \$ 501,955.30

Please refer any questions to Terri Oliva, EEI Controller: (202) 508-5541 or memberdues@eei.org

Indirect (CATGB)
2) Office of Chairman

2018

January-December 2018 EEI Membership Dues (Invoice attached)
\$1,153,181 This payment will be amortized 1/12 to expense each month at PPL Financial and will be allocated to the Business Lines as a Category B cost.

Total for year \$1,303,797
85% to Kentucky (Category B) 65.00%
\$847,468.05

Jan-Dec 2017 cost to
Kentucky for EEI
Membership Dues

\$847,468.05
Rounded to \$847,468.00

Total for year \$1,153,181.00 D
1/12 Amortization each month 8.33%
PPL Financial expense each month \$96,098.42
68.00% to Kentucky 55.00%
Estimated cost to
Kentucky each month for EEI
Membership Dues \$62,463.97
Estimated Category B cost to
Kentucky in 2018 for EEI
Membership Dues \$746,567.64

Journal Entry Calculation			
Allocation	Amount	Company	
40.77%	\$ 345,512.70	LGE	P1
59.23%	\$ 501,955.30	KU	
Total	\$ 847,468.00		

2018's EEI Dues allocation % is based on 2016's %

Calculation of LKE EEI Dues			
Non-Lobbying	Lobbying	Contribution	
1,123,365.48 A	180,431.54 B	- C	
8.33%	8.33%	0	
\$93,813.79	\$18,036.96	\$0.00	
65.00%	65.00%	65.00%	
\$60,245.36	\$5,773.37	\$0.00	
\$730,187.52	\$117,288.44	\$0.00	
		Expensed not amortized	

Amortization Period: January 2018 - December 2018								
Allocation	Amount	Company	Project	Task	Account	Exp Type	Exp Org	
40.77% \$	24,806.12	LGE	119013	EEI GC	930272	0664	026910	
59.23% \$	36,040.84	KU	119012	EEI-GC	930272	0664	026910	
40.77% \$	3,984.60	LGE	119013	EEI Lobby	426491	0664	026910	
59.23% \$	5,788.77	KU	119012	EEI Lobby	426491	0664	026910	

Total amount to be amortized per month
62,463.97

Rounded to 24,806.12
36,040.84
3,984.60
\$746.77
70,622.33

x12 months
LOE 297,697.44
KU 432,490.08
LGE 47,815.20
KU 89,485.24
\$847,467.96
← will need true-up at the end of 2018 once recalculation is completed

Calculation of PPL EEI Dues		
Regular Activities	\$ 1,171,834.00	P4, 9
Lobbying	\$ 152,312.42	
EEI Dues	\$ 1,019,321.58	
Industry Issues	\$ 117,183.00	P4
Lobbying	\$ 26,118.12	
EEI Dues	\$ 89,043.88	
Restore Power	\$ 15,000.00	P4
Contribution to Edison Foundation	\$ -	
Lobbying Total	\$ 180,431.54	B
Contribution Total	\$ -	C
EEI Dues Total	\$ 1,123,365.48	A
Total Invoice	\$ 1,303,797.00	D

Invoice for Membership Dues



Edison Electric
INSTITUTE

MR. WILLIAM H. SPENCE
CHAIRMAN, PRESIDENT & CEO
PPL CORPORATION
2 N 9TH STREET
ALLENTOWN, PA 18101

Date	Invoice Number
12/07/2016	DUES201752

Payment due on or before 1/31/2017

Description	Total
2017 EEI Membership Dues for:	
Regular Activities of Edison Electric Institute ¹	\$1,153,181
Industry Issues ²	115,318
Restoration, Operations, and Crisis Management Program ³	15,000
2017 Contribution to The Edison Foundation, which funds EEI ⁴	A 30,000
Total	1,283,499 1,313,489

1 The portion of 2017 membership dues relating to influencing legislation, which is not deductible for federal income tax purposes, is estimated to be 13%. / 2

2 The portion of the 2017 Industry Issues support relating to influencing legislation is estimated to be 25%. / 2

3 The Restoration, Operations, and Crisis Management Program is related to improvements to industry-wide responses to major outages (e.g. National Response Event); continuity of industry and business operations; and EEI's all hazards (storms, cyber, etc.) support and coordination of the industry during times of crises. No portion of this assessment is allocable to influencing legislation.

4 The Edison Foundation is an IRC 501(c)(3) educational and charitable organization. Contributions are deductible for federal income tax purposes to the extent provided by law. Please consult your tax advisor with respect to your specific situation.

PLEASE NOTE INFORMATION FOR ELECTRONIC PAYMENT

The following instructions should be used when transferring funds electronically (ACH or wire) to Edison Electric Institute:

Beneficiary's Bank:
Bank's Address:
Bank's ABA Number:
Beneficiary:
Beneficiary's Acct No:
Beneficiary's Address:
Beneficiary Reference:



1,313,499

<30,000> A

1,283,499

x .66

847,109.34

Approved for Payment:

LGE # 353,427.04
KU # 493,681.96

Please refer any questions to Terri Olive, EEI Controller: (202) 608-6541 or memberdues@eei.org

701 Pennsylvania Avenue, NW, Washington, DC 20004-2631

Indirect (CATGB)
2) Office of Chairman

2017

January-December 2017 EEI Membership Dues (Invoice attached)
\$1,283,499 This payment will be amortized 1/12 to expense each month at PPL Financial and will be allocated to the Business Lines as a Category B cost.

Total for year 4/ 5/ \$1,283,499
66% to Kentucky (Category B) 66.00%
847,109.34

Jan-Dec 2017 cost to
Kentucky for EEI
Membership Dues

\$847,109.34
Rounded to 5/ 847,109.00

Journal Entry Calculation		
Allocation	Amount	Company
41.72%	\$ 353,427.04	LGE 1/
58.28%	\$ 493,681.96	KU 1/
Total	\$ 847,109.00	

2017's EEI Dues allocation % is based on 2015's %

Total for year \$1,283,499.00 D
1/12 Amortization each month 8.33%
PPL Financial expense each month \$168,988.25
66.00% to Kentucky 66.00%
Estimated cost to
Kentucky each month for EEI
Membership Dues \$70,592.45
Estimated Category B cost to
Kentucky in 2016 for EEI
Membership Dues \$847,109.40

Calculation of LGE EEI Dues		
Non-Lobbying	Lobbying	Contribution
1,104,755.97 A	178,743.03 B	- C
8.33%	8.33%	0
\$92,063.00	\$14,893.25	\$0.00
66.00%	66.00%	66.00%
\$60,761.58	\$9,830.67	\$0.00
		Expensed not amortized
\$728,138.96	\$117,870.44	\$0.00

Amortization Period: January 2016 - December 2016							
Allocation	Amount	Company	Project	Task	Account	Exp Type	Exp Org
41.72%	\$ 25,350.88	LGE	119013	EEI GC	930272	0664	026910
58.28%	\$ 35,410.90	KU	119012	EEI-GC	930272	0664	026910
41.72%	\$ 4,101.59	LGE	119013	EEI Lobby	426491	0664	026910
58.28%	\$ 5,729.28	KU	119012	EEI-Lobby	426491	0664	026910

Total amount to be amortized per month
70,592.45

Rounded to 25,350.68
35,410.90
4,101.69
5,729.28
70,592.45

Calculation of PPL EEI Dues		
4/ 13% Regular Activities	\$ 1,153,161.00	
4/ 13% Lobbying	\$ 149,913.53	
EEI Dues	\$ 1,003,267.47	
4/ 25% Industry Issues	\$ 115,318.00	
4/ 25% Lobbying	\$ 28,829.50	
EEI Dues	\$ 86,488.50	
Restore Power	\$ 15,000.00	
Contribution to Edison Foundation	\$ -	
Lobbying Total	\$ 178,743.03	B
Contribution Total	\$ -	C
EEI Dues Total	\$ 1,104,755.97	A
Total Invoice	\$ 1,283,499.00	D

x12 months
LGE 304,208.16
KU 424,930.80
LGE 49,219.08
KU 88,751.36
847,109.40 <- will need true-up at the end of 2017
once recalculation is completed

Garrett



ELECTRIC POWER
RESEARCH INSTITUTE

INVOICE

Invoice: 90022357
Invoice Date: 01/18/2018
Page: 2 of 2

P.O. Box 10412
Palo Alto CA 94303-0813
USA

Customer: David Link
LG&E and KU Energy LLC
220 W Main St
Louisville KY 40202-1395
USA

Customer No: 30166
Payment Terms: EPRI - Net due in 30 days
Due Date: 02/17/2018
Customer Ref:
EPRI Quotation No: 20008283
For billing questions, please contact:
Telephone: 650-855-2048
Fax: 650-855-2358
Email: accountsreceivable@epri.com

AMOUNT DUE: 3,455,281.35 USD

19	Protection and Control	1	EA	23,098.48
20	Energy Storage and Distributed Generation	1	EA	130,011.15
21	Distribution Operations and Planning	1	EA	79,266.77
22	Technical Deployment Deposit Account	1	EA	44,470.43
				247,469.00

Subtotal: 3,455,281.35

CPA# 116812

PO# _____

Amount Due: 3,455,281.35 USD

Project	Task	Exp Type	\$\$ or % Split
133671	EPRI	0305	\$ 82,640.21
133679	EPRI	0305	\$ 82,640.21
SRC153955	I-Prepaid	0305	\$3,290,000.93

KU - 2,039,800.58
LGE - 1,250,200.35

David J. Link, Ph.D. - Manager R&D

1/30/18
Date

David Sinclair - VP Energy Supply and Analysis

1-30-18
Date

Lonnie Bellar - SVP Operations

1/30/18
Date

Kent Blake - CFO

1/30/18
Date

Actual amount is \$1.51 lower
than amount forecasted in
Filing Requirement 160349.

Please wire funds to:
Bank of America

Please remit check to:
Electric Power Research Institute
13014 Collections Center Drive
Chicago IL 60693
United States

Tax I.D. [REDACTED]
EPRI is a non-profit United States Corporation.
Please include an invoice copy with your remittance.



INVOICE

Invoice: **Garrett**
Invoice Date: 01/17/2017
Page: 2 of 2

P.O. Box 10412
Palo Alto CA 94303-0813
USA

Customer: David Link
LG&E and KU Energy LLC
220 W Main St
Louisville KY 40202-1395
USA

Customer No: 30166
Payment Terms: EPRI - Net due in 30 days
Due Date: 02/16/2017
Customer Ref:
EPRI Quotation No: 20006982

For billing questions, please contact:

Telephone: 650-855-2048
Fax: 650-855-2358
Email: accountsreceivable@epri.com

AMOUNT DUE: **4,716,825.78 USD**

20	Environmental Issues Transmission and Distribution and ROW Environmental Issues	1	EA	107,448.60
21	Fish Protection at Electric Generating Facilities	1	EA	129,284.78
22	Effluent Guidelines and Water Quality Management	1	EA	121,214.48
23	Protection and Control	1	EA	24,591.02
24	Electric Transportation	1	EA	109,181.27
25	Energy Storage and Distributed Generation	1	EA	116,093.76
26	Cyber Security and Privacy Deposit Account	1	EA	131,187.56
Subtotal:				851,234.00
Amount Due:				4,716,825.78 USD

4,716,825.78
<81,196.94>
<81,196.94>
4,554,431.90 < KU - \$2,869,292.10
LGE - \$1,685,139.80

Please wire funds to:
Bank of America

Please remit check to:
EPRI
13014 Collections Center Drive
Chicago IL 60693
United States

Tax I.D. [REDACTED]
EPRI is a non-profit United States Corporation.
Please include an invoice copy with your remittance.



INVOICE

Invoice: **Garrett**
Invoice Date: 01/17/2017
Page: 1 of 2

P.O. Box 10412
Palo Alto CA 94303-0813
USA

Customer: David Link
LG&E and KU Energy LLC
220 W Main St
Louisville KY 40202-1395
USA

Customer No: 30166
Payment Terms: EPRI - Net due in 30 days
Due Date: 02/16/2017
Customer Ref:
EPRI Quotation No: 20006982

For billing questions, please contact:

Telephone: 650-855-2048
Fax: 650-855-2358
Email: accountsreceivable@epri.com

AMOUNT DUE: **4,716,825.78 USD**

Line	Description	Quantity	UOM	Net Amount
1	Integrated Environmental Controls	1	EA	545,222.51
2	Continuous Emissions Monitoring	1	EA	107,209.72
3	Heat Rate Improvement	1	EA	87,172.52
4	Water Management Technology	1	EA	162,393.87
5	Boiler Life and Availability Improvement	1	EA	172,726.19
6	Steam Turbines-Generators and Auxiliary Systems	1	EA	137,162.72
7	Balance of Plant Systems and Equipment	1	EA	36,829.86
8	Boiler and Turbine Steam and Cycle Chemistry	1	EA	103,875.96
9	Fossil Materials and Repair	1	EA	155,516.02
10	Combined Cycle Turbomachinery	1	EA	306,031.04
11	Combined Cycle HRSG and Balance of Plant	1	EA	107,086.21
12	Maintenance Management and Technology	1	EA	142,793.57
13	Operations Management and Technology	1	EA	127,277.81
14	CO2 Capture, Utilization and Storage	1	EA	179,981.32
15	Renewables Technology Status, Cost and Performance	1	EA	62,798.67
16	Solar	1	EA	116,626.10
17	Power Plant Multimedia Toxics Characterization	1	EA	207,200.39
18	Assessment of Air Quality Impacts on Human Health	1	EA	202,700.52
19	Coal Combustion Products -	1	EA	165,985.31

Please wire funds to:
Bank of America

Please remit check to:
EPRI
13014 Collections Center Drive
Chicago IL 60693
United States

Tax I.D. [REDACTED]
EPRI is a non-profit United States Corporation.
Please include an invoice copy with your remittance.

EPRI Annual Membership

Contract Period: 01/01/2017 - 12/31/2017
Contact: Courtney Suveyasu
Vendor: EPRI
Invoice #: 90017191
Invoice Amt: \$ 4,716,625.78
Invoice Date: 01/17/2017

Company	Exp Orig	Exp Type	Project	Task	Amount	January - April 2017 Allocation Method: 124651 I-PREPAID		January - April 2017 Allocation Method: 124652 I-PREPAID		May - December 2017 Allocation Method: 124651 I-PREPAID		May - December 2017 Allocation Method: 124652 I-PREPAID	
						Monthly		KU Amort.		LGE Amort.		KU Amort.	LGE Amort.
0100	008825	0375	133671	EPRI	\$ 81,196.94	\$ 6,766.41	\$	\$ -		\$ 6,766.41		\$ -	\$ 6,766.41
0100	008825	0375	133679	EPRI	\$ 81,196.94	\$ 6,766.41	\$	\$ -		\$ 6,766.41		\$ -	\$ 6,766.41
0020	022070	0650	SRC153955	EPRI-274	\$ 3,703,197.90	\$ 308,599.83	\$	\$ 194,417.89	63.00%	\$ 114,181.94	37.00%	\$ 191,131.89	\$ 117,267.94
0020	022070	0650	SRC153955	EPRI-SUP	\$ 851,234.00	\$ 70,936.17	\$	\$ 44,689.79	63.00%	\$ 26,246.38	37.00%	\$ 43,980.43	\$ 26,955.74
						\$ 393,068.82	\$	\$ 239,107.68		\$ 153,981.14		\$ 235,312.32	\$ 157,796.50

-1,716,825.78

Service					LGE				
Exp Orig	Exp Type	Project	Task		Exp Orig	Exp Type	Project	Task	
Amortization	022070	0650	SRC124652	I-PREPAID	008825	0650	124652	I-PREPAID	
		Prepaid KU	Prepaid LGE	4 Month Amortization	4 Month Amortization	LC Prepaid KU Balance	Prepaid LGE Balance		
		3,703,197.90	2,333,014.88	1,370,183.22	777,671.57	\$ 456,727.75	1,555,343.11	913,455.47	
		851,234.00	536,277.42	314,956.58	178,759.15	\$ 104,985.53	357,518.27	209,971.05	
							1,912,861.38	1,123,426.52	

2,869,292.10 1,685,139.80



December 20, 2017

HUNTON & WILLIAMS LLP
BANK OF AMERICA PLAZA
101 SOUTH TRYON STREET
SUITE 3500
CHARLOTTE, NC 28280

TEL 704 • 378 • 4700
FAX 704 • 378 • 4890

NASH LONG
DIRECT DIAL: 704-378-4728
EMAIL: NLONG@HUNTON.COM

BRENT ROSSER
DIRECT DIAL: 704-378-4707
EMAIL: BROSSER@HUNTON.COM

FILE NO: 86837.000002

Confidential
Attorney-Client Privilege

J. Gregory Cornett
Associate General Counsel
LG&E and KU Energy LLC
220 West Main Street
Louisville, KY 40202

Re: Coal Combustion Residuals Legal Resources Group

Retainer for services in connection with the
Coal Combustion Residuals Legal Resources Group for 2018\$70,000

**PLEASE REMIT PAYMENT BY JANUARY 20, 2018
USE ONE OF THE BELOW METHODS OF PAYMENT**

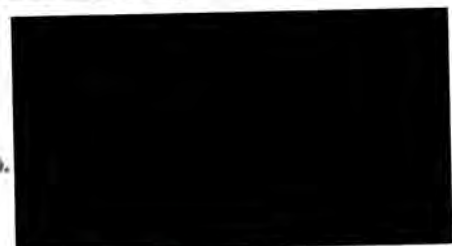
Check Via First-Class Mail

Hunton & Williams LLP
Attention: Kathy Robinson
2200 Pennsylvania Avenue, NW
Washington, DC 20037
Reference – 2018 CCR Annual
Dues/86837.2

Wiring Instructions

Bank:
Account Name:

Account No.
ABA Transit Routing No.
Information with wire
Swift Code (Internat'l)



LGE - \$ 26,600
KU - \$ 43,400



January 3, 2017

HUNTON & WILLIAMS LLP
BANK OF AMERICA PLAZA
101 SOUTH TRYON STREET
SUITE 3500
CHARLOTTE, NC 28280

TEL 704 • 378 • 4700
FAX 704 • 378 • 4890

NASH LONG
DIRECT DIAL: 704-378-4728
EMAIL: NLONG@HUNTON.COM

BRENT ROSSER
DIRECT DIAL: 704-378-4707
EMAIL: BROSSER@HUNTON.COM

FILE NO: 86837.000002

Confidential
Attorney-Client Privilege

J. Gregory Cornett
Associate General Counsel
LG&E and KU Energy LLC
220 West Main Street
Louisville, KY 40202

~~Invoice No. CCR 2017~~

Re: Coal Combustion Residuals Legal Resources Group

Retainer for services in connection with the
Coal Combustion Residuals Legal Resources Group for 2017\$70,000

PLEASE REMIT PAYMENT BY JANUARY 20, 2017
USE ONE OF THE BELOW METHODS OF PAYMENT

Check Via First-Class Mail

Hunton & Williams LLP
Attention: Kathy Robinson
2200 Pennsylvania Avenue, NW
Washington, DC 20037
Reference – 2017 CCR Annual
Dues/86837.2

Wire Instructions

Bank:
Account Name:

Account No.
ABA Transit Routing No.
Information with wire
Swift Code (Internat'l)



LGE - \$26,600
KU - \$43,400

**HUNTON &
WILLIAMS**

HUNTON & WILLIAMS LLP
BANK OF AMERICA PLAZA, SUITE 3500
101 SOUTH TRYON STREET
CHARLOTTE, NC 28280

TEL 704 • 378 • 4700
FAX 704 • 378 • 4890

NASH LONG
DIRECT DIAL: 704-378-4728
EMAIL: nlong@hunton.com

BRENT ROSSER
DIRECT DIAL: 704-378-4707
EMAIL: brosser@hunton.com
FILE NO: 54675.000002

December 14, 2017

*Confidential
Attorney-Client Privilege*

Robert J. Ehrler, Esq.
LG&E and KU Energy LLC
220 West Main Street
Louisville, KY 40232

Re: NSR Legal Resources Group

Retainer for services in connection with the
NSR Legal Resources Group for 2018 \$35,000

PLEASE REMIT PAYMENT BY JANUARY 20, 2018
USE ONE OF THE BELOW METHODS OF PAYMENT

Check Via First-Class Mail

Hunton & Williams LLP
Attention: Kathy Robinson
2200 Pennsylvania Avenue, NW
Washington, DC 20037
Reference – 2018 NSR Annual
Dues/54675.2

Wire Instructions

Bank:
Account Name:

Account No.
ABA Transit Routing No.
Information with wire
Swift Code (Internat'l)



LGE - \$ 12,250
Ku - \$ 22,750

**HUNTON &
WILLIAMS**

HUNTON & WILLIAMS LLP
BANK OF AMERICA PLAZA, SUITE 3500
101 SOUTH TRYON STREET
CHARLOTTE, NC 28280

TEL 704 • 378 • 4700
FAX 704 • 378 • 4890

NASH LONG
DIRECT DIAL: 704-378-4728
EMAIL: nlong@hunton.com

BRENT ROSSER
DIRECT DIAL: 704-378-4707
EMAIL: brosser@hunton.com

FILE NO: 54675.000002

December 16, 2016

Inv. No.
~~NSR 2017~~

*Confidential
Attorney-Client Privilege*

Robert J. Ehrler, Esq.
LG&E and KU Energy LLC
220 West Main Street
Louisville, KY 40232

Re: NSR Legal Resources Group

Retainer for services in connection with the
NSR Legal Resources Group for 2017\$35,000

PLEASE REMIT PAYMENT BY JANUARY 20, 2017
USE ONE OF THE BELOW METHODS OF PAYMENT

Check Via First-Class Mail

Hunton & Williams LLP
Attention: Kathy Robinson
2200 Pennsylvania Avenue, NW
Washington, DC 20037
Reference -- 2017 NSR Annual
Dues/54675.2

Wire Instructions

Bank:
Account Name:

Account No.
ABA Transit Routing No.
Information with wire
Swift Code (Internat'l)



LGE - \$12,250
KU - \$22,750



North American Transmission Forum, Inc.
9300 Harris Corners Parkway
Suite 300
Charlotte, NC 28269
(704) 945-1900
taldred@natf.net
http://www.natf.net

INVOICE

BILL TO
LGE & KU Energy, LLC
220 W. Main Street
Louisville, KY 40202

INVOICE # 1702
DATE 10/08/2017
DUE DATE 01/31/2018
TERMS Net 30

ACTIVITY	AMOUNT
Membership	22,000.00
Equal Share 2018	
Load Ratio Share	51,165.00
Load Ratio Share 2018	

BALANCE DUE **\$73,165.00**

Project 141057 Task I-COMPANY DUES
Exp Org 023000 Exp Type 0650
Amount Approved 73,165.00
Date Approved _____
Approved by _____

Chris Behn
2/8/18

LGE - 25,607.75
KU - 47,557.25



North American Transmission Forum, Inc.
9300 Harris Corners Parkway
Suite 300
Charlotte, NC 28269
(704) 945-1900
taldred@natf.net
<http://www.natf.net>

INVOICE

BILL TO

LGE & KU Energy, LLC
220 W. Main Street
Louisville, KY 40202

INVOICE # 1605

DATE 10/03/2016

DUE DATE 12/31/2016

TERMS Net 30

DATE	ACCOUNT SUMMARY	AMOUNT
11/09/2015	Balance Forward	\$55,401.00
	Payments and credits between 11/09/2015 and 10/03/2016	-55,401.00
	New charges (details below)	61,829.00
	Total Amount Due	\$61,829.00

ACTIVITY	AMOUNT
Membership	
Equal Share 2017	22,000.00
Load Ratio Share	
Load Ratio Share 2017	39,829.00

TOTAL OF NEW CHARGES	61,829.00
BALANCE DUE	\$61,829.00

INVOICES ARE DATED WITH A 12/31/2016 due date.
You can pay in 2016 or no later than 1/31/2017.
Contact Teresa Aldred @ 704-945-1923 if you
need anything changed to process. Email copy
was sent on 10/3/16 to Member Reps

LGE - \$ 21,021.86

KU - \$ 40,807.14

RECEIVED
OCT 06 2016
ACCOUNTS PAYABLE

MIDWEST OZONE GROUP

MEMBERSHIP INVOICE

November 27, 2017

LG&E / KU
Attention: Robert Ehrler
220 West Main Street
Louisville, KY 40202

2018 Assessment based upon 1.25 share,
due on or before March 31, 2018

\$68,750.00 Current Dues

LGE - \$ 24,062.50

KU - \$ 44,687.50

Please make payment to: Steptoe & Johnson, PLLC
Agent for MOG
c/o David M. Flannery
Post Office Box 1588
Charleston, West Virginia 25326

MIDWEST OZONE GROUP

MEMBERSHIP INVOICE

November 4, 2016

LG&E / KU
Attention: Robert Ehrler
220 West Main Street
Louisville, KY 40202

Inv. No.
~~MOG - 6017~~

2017 Assessment based upon 1.25 share,
due on or before March 31, 2017

\$68,750.00 Current Dues

LGE - \$ 24,062.50
KU - \$ 44,687.50

Please make payment to: Steptoe & Johnson, PLLC
Agent for MOG
c/o David M. Flannery
Post Office Box 1588
Charleston, West Virginia 25326

UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION SPONSORED PROGRAMS FINANCIAL ADMINISTRATION INVOICE	UNIVERSITY OF LOUISVILLE.
---	--------------------------------------

Invoice Detail:

Invoice ID: **LG&E INV2018-001**
Invoice Date: 2018-02-21
Payment Terms: IMMED

Bill To:

Jessi J. Logsdon
Sourcing Leader, Corporate Purchasing
LG&E and KU Services Company
820 E. Broadway
Louisville, KY 40202

Project Detail:

UoL Ref: OGMB160808P
PI: Prater, Glen
Project: Industry/University Cooperative Research Center for Efficient Vehicles and Sustainable transportation Systems (EV-STS)
NSF EV-STS I/U CRC

Current Amount Due: \$50,000.00

Invoiced Items:

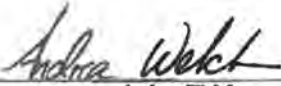
FY 2018-2019 EV-STS Membership Dues Currently Payable: \$50,000.00

With payment of this invoice, LG&E and KU Services Company will have an EV-STS Membership through 06/30/2019. EV-STS Membership Agreement signed by Stephanie R. Pryor on 04/20/17 (Sponsorship Effective 07/01/17).

Please make payment in US Dollars, and include a copy of this invoice with payment.
Remit To: University of Louisville Research Foundation, Inc.
Office of Sponsored Programs Administration

Attention: Andrea Welch
300 East Market Street, Suite 300
Louisville, KY 40202-1959

LGE - \$19,000
KU - \$31,000



Andrea Welch
Grant Management Accountant

CPA#	PO#
Project	Task
SR153955	UNIVERSITY
Exp Type	\$ or % Split
OBSC	100%

Proponent (up to \$1k)  Date 2/22/18

Group/Team Leader (up to \$10k) _____ Date _____

Manager (up to \$100k)  Date 2/26/18



Case No. 2018-00295
Attachment to Response to AG-1 Question No. 98
Edison Electric Institute
701 Pennsylvania Avenue, N.W.
Washington, DC 20004-2696
USA
A/R Phone Number : (202) 508 5428
A/R E-Mail : accountsreceivable@eei.org

Page 35 of 63
Garrett

Mr. Gary H. Revlett
Director, Environmental Affairs
LG&E and KU Energy
220 W Main Street
Louisville, KY 40202-0000

Invoice

Invoice # : 209242
Invoice Date: 12/13/2017
FEIN: 13-0659550

Description	Quantity	Price	Discount	Amount
2018 UARG Membership Dues - Mr. Gary H. Revlett	1	\$281,841.00	\$0.00	\$281,841.00

This invoice is for your participation in the Utility Air Regulatory Group (UARG) for the calendar year 2018. If you have questions about the program, please contact Andrea Field at 202-955-1558. If you have questions regarding this invoice or to make payment arrangements, please contact Carol Scates, in EEI's Internal Accounting Department, at 202-508-5428.

Invoice Total	\$281,841.00
Taxes	\$0.00
Amount Paid	\$0.00
PLEASE PAY	\$281,841.00

PLEASE DETACH AND REMIT WITH YOUR PAYMENT

Invoice1 #: 209242

LG&E and KU Energy
220 W Main Street
Louisville, KY 40202-0000

LGE - \$109,917.99

KU - \$171,923.01

Payment Method

Check: Made payable to Edison Electric Institute



Please note you are responsible for any ACH or wiring fees.



Garrett

Mr. Gary H. Revlett
LG&E and KU Energy
220 W Main Street
Louisville, KY 40202-0000

Invoice

Invoice # : 192522
Invoice Date: 12/01/2016
FEIN: 13-0659550

Description	Quantity	Price	Discount	Amount
2017 UARG Membership Dues – ACTUAL DUES AMOUNT	1	\$268,376.00	\$0.00	\$268,376.00

LGE - \$ 101,982.88
KU - \$ 166,393.12

This invoice is for your participation in the Utility Air Regulatory Group (UARG) for the calendar year 2017. If you have questions about the program, please contact Andrea Field at 202-955-1558. If you have questions regarding this invoice or to make payment arrangements, please contact Carol Ray, in EEI's Internal Accounting Department, at 202-508-5428.

Invoice Total	\$268,376.00
Taxes	\$0.00
Amount Paid	\$0.00
PLEASE PAY	\$268,376.00

PLEASE DETACH AND REMIT WITH YOUR PAYMENT

Invoice #: 192522

LG&E and KU Energy
220 W Main Street
Louisville, KY 40202-0000

Payment Method

Check: Made payable to Edison Electric Institute



Please note you are responsible for any ACH or wiring fees.

Robert J. Ehrlar, Esq.
Senior Counsel & Environmental
Policy Manager
LG&E and KU Energy
Environmental Affairs
Louisville, KY 40202

IN ACCOUNT WITH
Hunton & Williams LLP
ATTORNEYS AT LAW
RIVERFRONT PLAZA, EAST TOWER
951 EAST BYRD STREET
RICHMOND, VIRGINIA 23219-4074
TEL 804 • 788 • 8200
FAX 804 • 788 • 8218

Invoice #102128134
November 29, 2017
29142.050001

Utility Water Act Group

FOR MEMBERSHIP DUES, based on services rendered by Hunton & Williams,
and charges associated with those services, through October 2017 in
connection with the regulation of the electric utility industry by the
Environmental Protection Agency.

Consultant Charges	\$	78.22
Legal Fees and Expenses	\$	8,799.77
Credit	\$	0
TOTAL DUE	\$	8,877.99

LGE - \$ 3,462.42

KU - \$ 5,415.57

Please include our file number with your remittance. Mail your check, payable to Hunton & Williams LLP, to: Hunton & Williams LLP, Accounting Department, UWAG Payment, Riverfront Plaza-East Tower, 951 East Byrd Street, Richmond, VA 23219-4074.

Robert J. Ehrler, Esq.
Senior Counsel & Environmental
Policy Manager
LG&E and KU Energy
Environmental Affairs
Louisville, KY 40202

IN ACCOUNT WITH
Hunton & Williams LLP
ATTORNEYS AT LAW
RIVERFRONT PLAZA, EAST TOWER
951 EAST BYRD STREET
RICHMOND, VIRGINIA 23219-4074
TEL 804 • 788 • 8200
FAX 804 • 788 • 8218

Invoice #102129784
December 19, 2017
29142.050001

Utility Water Act Group

FOR MEMBERSHIP DUES, based on services rendered by Hunton & Williams,
and charges associated with those services, through November 2017 in
connection with the regulation of the electric utility industry by the
Environmental Protection Agency.

Consultant Charges	\$	0.00
Legal Fees and Expenses	\$	8,391.66
Credit	\$	0
TOTAL DUE	\$	8,391.66

LGE - \$ 3,272.75
KU - \$ 5,118.91

RECEIVED
DEC 06 2018

PAYABLE

Please include our file number with your remittance. Mail your check, payable to Hunton & Williams LLP, to: Hunton & Williams LLP, Accounting Department, UWAG Payment, Riverfront Plaza-East Tower, 951 East Byrd Street, Richmond, VA 23219-4074.

Robert J. Ehrler, Esq.
Senior Counsel & Environmental
Policy Manager
LG&E and KU Energy
Environmental Affairs
Louisville, KY 40202

IN ACCOUNT WITH
Hunton & Williams LLP
ATTORNEYS AT LAW
RIVERFRONT PLAZA, EAST TOWER
951 EAST BYRD STREET
RICHMOND, VIRGINIA 23219-4074
TEL 804 • 788 • 8200
FAX 804 • 788 • 8218

Invoice #102131210
January 26, 2018
29142.050001

Utility Water Act Group

FOR MEMBERSHIP DUES, based on services rendered by Hunton & Williams, and charges associated with those services, through December 2017 in connection with the regulation of the electric utility industry by the Environmental Protection Agency.

Consultant Charges	\$	882.82
Legal Fees and Expenses	\$	8,612.29
Credit	\$	0
TOTAL DUE	\$	9,495.11

LGE - \$ 3,703.09
KU - \$ 5,792.02

Please include our file number with your remittance. Mail your check, payable to Hunton & Williams LLP, to: Hunton & Williams LLP, Accounting Department, UWAG Payment, Riverfront Plaza-East Tower, 951 East Byrd Street, Richmond, VA 23219-4074.

Robert J. Ehrler, Esq.
Senior Counsel & Environmental
Policy Manager
LG&E and KU Energy
Environmental Affairs
P. O. Box 32010
Louisville, KY 40202

IN ACCOUNT WITH
Hunton & Williams LLP
ATTORNEYS AT LAW
RIVERFRONT PLAZA, EAST TOWER
951 EAST BYRD STREET
RICHMOND, VIRGINIA 23219-4074
TEL 804 • 788 • 8200
FAX 804 • 788 • 8218

Invoice #102132441
February 21, 2018
29142.050001

Utility Water Act Group

FOR MEMBERSHIP DUES, based on services rendered by Hunton & Williams,
and charges associated with those services, through January 2018 in
connection with the regulation of the electric utility industry by the
Environmental Protection Agency.

Consultant Charges	\$	
Legal Fees and Expenses	\$	<u>8,105.17</u>
Credit	\$	0
TOTAL DUE	\$	8,105.17

LGE - \$ 3,161.02
KU - \$ 4,944.15

Please include our file number with your remittance. Mail your check, payable to Hunton & Williams LLP, to: Hunton & Williams LLP, Accounting Department, UWAG Payment, Riverfront Plaza-East Tower, 951 East Byrd Street, Richmond, VA 23219-4074.

Robert J. Ehrler, Esq.
Senior Counsel & Environmental
Policy Manager
LG&E and KU Energy
Environmental Affairs
P. O. Box 32010
Louisville, KY 40202

IN ACCOUNT WITH
Hunton & Williams LLP
ATTORNEYS AT LAW
RIVERFRONT PLAZA, EAST TOWER
951 EAST BYRD STREET
RICHMOND, VIRGINIA 23219-4074
TEL 804 • 788 • 8200
FAX 804 • 788 • 8218

Invoice #102134496
March 16, 2018
29142.050001

Utility Water Act Group

FOR MEMBERSHIP DUES, based on services rendered by Hunton & Williams,
and charges associated with those services, through February 2018 in
connection with the regulation of the electric utility industry by the
Environmental Protection Agency.

Consultant Charges	\$	
Legal Fees and Expenses	\$	<u>8,695.21</u>
Credit	\$	0
TOTAL DUE	\$	8,695.21

LGE - \$ 3,391.13

KU - \$ 5,304.08

Please include our file number with your remittance. Mail your check, payable to Hunton & Williams LLP, to: Hunton & Williams LLP, Accounting Department, UWAG Payment, Riverfront Plaza-East Tower, 951 East Byrd Street, Richmond, VA 23219-4074.

Robert J. Ehrler, Esq.
Senior Counsel & Environmental
Policy Manager
LG&E and KU Energy
Environmental Affairs
P. O. Box 32010
Louisville, KY 40202

IN ACCOUNT WITH
Hunton & Williams LLP
ATTORNEYS AT LAW
RIVERFRONT PLAZA, EAST TOWER
951 EAST BYRD STREET
RICHMOND, VIRGINIA 23219-4074

TEL 804 • 788 • 8200
FAX 804 • 788 • 8218

Invoice #1021082208
August 25, 2016
29142.050001

Utility Water Act Group

FOR MEMBERSHIP DUES, based on services rendered by Hunton & Williams, and charges associated with those services, through July 2016 in connection with the regulation of the electric utility industry by the Environmental Protection Agency.

Consultant Charges	\$	82.53
Legal Fees and Expenses	\$	9,591.19
Total Due	\$	9,673.72
Amount Paid	\$	(7,255.29)
BALANCE DUE	\$	2,418.43

LGE - 894.82

KU - 1,523.61

Please include our file number with your remittance. Mail your check, payable to Hunton & Williams LLP, to: **Hunton & Williams LLP, Accounting Department, UWAG Payment, Riverfront Plaza-East Tower, 951 East Byrd Street, Richmond, VA 23219-4074.**

Robert J. Ehrler, Esq.
Senior Counsel & Environmental
Policy Manager
LG&E and KU Energy
Environmental Affairs
P. O. Box 32010
Louisville, KY 40202

IN ACCOUNT WITH
Hunton & Williams LLP
ATTORNEYS AT LAW
RIVERFRONT PLAZA, EAST TOWER
951 EAST BYRD STREET
RICHMOND, VIRGINIA 23219-4074
TEL 804 • 788 • 8200
FAX 804 • 788 • 8218

Invoice #102113260
December 15, 2016
29142.050001

Utility Water Act Group

FOR MEMBERSHIP DUES, based on services rendered by Hunton & Williams,
and charges associated with those services, through November 2016 in
connection with the regulation of the electric utility industry by the
Environmental Protection Agency.

Consultant Charges	\$	122.17
Legal Fees and Expenses	\$	6,609.67
Credit	\$	0
TOTAL DUE	\$	6,731.84

LGE - 2,558.10
KU - 4,173.74

RECEIVED

JAN 20 2017

ACCOUNTS PAYABLE

Please include our file number with your remittance. Mail your check, payable to Hunton & Williams LLP, to: Hunton & Williams LLP, Accounting Department, UWAG Payment, Riverfront Plaza-East Tower, 951 East Byrd Street, Richmond, VA 23219-4074.

Robert J. Ehrler, Esq.
Senior Counsel & Environmental
Policy Manager
LG&E and KU Energy
Environmental Affairs
P. O. Box 32010
Louisville, KY 40202

IN ACCOUNT WITH
Hunton & Williams LLP
ATTORNEYS AT LAW
RIVERFRONT PLAZA, EAST TOWER
951 EAST BYRD STREET
RICHMOND, VIRGINIA 23219-4074
TEL 804 • 788 • 8200
FAX 804 • 788 • 8218

Invoice #102114903
January 31, 2017
29142.050001

Utility Water Act Group

FOR MEMBERSHIP DUES, based on services rendered by Hunton & Williams,
and charges associated with those services, through December 2016 in
connection with the regulation of the electric utility industry by the
Environmental Protection Agency.

Consultant Charges	\$	123.02
Legal Fees and Expenses	\$	19,119.79
Credit	\$	0
TOTAL DUE	\$	19,242.81

ACCOUNTS PAYABLE

FEB 07 2017

RECEIVED

LGE - 7,119.84

KU - 12,122.97

Please include our file number with your remittance. Mail your check, payable to Hunton & Williams LLP, to: Hunton & Williams LLP, Accounting Department, UWAG Payment, Riverfront Plaza-East Tower, 951 East Byrd Street, Richmond, VA 23219-4074.

Robert J. Ehrler, Esq.
Senior Counsel & Environmental
Policy Manager
LG&E and KU Energy
Environmental Affairs
P. O. Box 32010
Louisville, KY 40202

IN ACCOUNT WITH
Hunton & Williams LLP
ATTORNEYS AT LAW
RIVERFRONT PLAZA, EAST TOWER
951 EAST BYRD STREET
RICHMOND, VIRGINIA 23219-4074
TEL 804 • 788 • 8200
FAX 804 • 788 • 8218

Invoice #102116294
February 28, 2017
29142.050001

Utility Water Act Group

FOR MEMBERSHIP DUES, based on services rendered by Hunton & Williams,
and charges associated with those services, through January 2017 in
connection with the regulation of the electric utility industry by the
Environmental Protection Agency.

Consultant Charges	\$	0.00
Legal Fees and Expenses	\$	7,413.77
Credit	\$	0
TOTAL DUE	\$	7,413.77

LGE - 2,743.09
KU - 4,670.68

Please include our file number with your remittance. Mail your check, payable to Hunton & Williams LLP, to: Hunton & Williams LLP, Accounting Department, UWAG Payment, Riverfront Plaza-East Tower, 951 East Byrd Street, Richmond, VA 23219-4074.

Robert J. Ehrler, Esq.
Senior Counsel & Environmental
Policy Manager
LG&E and KU Energy
Environmental Affairs
P. O. Box 32010
Louisville, KY 40202

IN ACCOUNT WITH
Hunton & Williams LLP
ATTORNEYS AT LAW
RIVERFRONT PLAZA, EAST TOWER
951 EAST BYRD STREET
RICHMOND, VIRGINIA 23219-4074
TEL 804 • 788 • 8200
FAX 804 • 788 • 8218

Invoice #102116911
March 16, 2017
29142.050001

Utility Water Act Group

FOR MEMBERSHIP DUES, based on services rendered by Hunton & Williams,
and charges associated with those services, through February 2017 in
connection with the regulation of the electric utility industry by the
Environmental Protection Agency.

Consultant Charges	\$	0.00
Legal Fees and Expenses	\$	9,109.63
Credit	\$	0
TOTAL DUE	\$	9,109.63

LGE - 3,370.56

KU - 5,739.07

Please include our file number with your remittance. Mail your check, payable to Hunton & Williams LLP, to: Hunton & Williams LLP, Accounting Department, UWAG Payment, Riverfront Plaza-East Tower, 951 East Byrd Street, Richmond, VA 23219-4074.

Robert J. Ehrler, Esq.
Senior Counsel & Environmental
Policy Manager
LG&E and KU Energy
Environmental Affairs
P. O. Box 32010
Louisville, KY 40202

IN ACCOUNT WITH
Hunton & Williams LLP
ATTORNEYS AT LAW
RIVERFRONT PLAZA, EAST TOWER
951 EAST BYRD STREET
RICHMOND, VIRGINIA 23219-4074
TEL 804 • 788 • 8200
FAX 804 • 788 • 8218

Invoice #102118542
April 25, 2017
29142.050001

Utility Water Act Group

FOR MEMBERSHIP DUES, based on services rendered by Hunton & Williams,
and charges associated with those services, through March 2017 in
connection with the regulation of the electric utility industry by the
Environmental Protection Agency.

Consultant Charges	\$	0.00
Legal Fees and Expenses	\$	7,196.26
Credit	\$	0
TOTAL DUE	\$	7,196.26

LGE - 2,662.62

KU - 4,533.64

Please include our file number with your remittance. Mail your check, payable to Hunton & Williams LLP, to: Hunton & Williams LLP, Accounting Department, UWAG Payment, Riverfront Plaza-East Tower 951 East Byrd Street Richmond VA 23219-4074

Robert J. Ehrler, Esq.
Senior Counsel & Environmental
Policy Manager
LG&E and KU Energy
Environmental Affairs
P. O. Box 32010
Louisville, KY 40202

IN ACCOUNT WITH
Hunton & Williams LLP
ATTORNEYS AT LAW
RIVERFRONT PLAZA, EAST TOWER
951 EAST BYRD STREET
RICHMOND, VIRGINIA 23219-4074
TEL 804 • 788 • 8200
FAX 804 • 788 • 8218

Invoice #102119593
May 22, 2017
29142.050001

Utility Water Act Group

FOR MEMBERSHIP DUES, based on services rendered by Hunton & Williams,
and charges associated with those services, through April 2017 in connection
with the regulation of the electric utility industry by the Environmental
Protection Agency.

Consultant Charges	\$	0.00
Legal Fees and Expenses	\$	10,258.59
Credit	\$	0
TOTAL DUE	\$	10,258.59

LGE - 3,898.26

KU - 6,360.33

Please include our file number with your remittance. Mail your check, payable to Hunton & Williams LLP, to: Hunton & Williams LLP, Accounting Department, UWAG Payment, Riverfront Plaza-East Tower, 951 East Byrd Street, Richmond, VA 23219-4074.

Robert J. Ehrler, Esq.
Senior Counsel & Environmental
Policy Manager
LG&E and KU Energy
Environmental Affairs
P. O. Box 32010
Louisville, KY 40202

IN ACCOUNT WITH
Hunton & Williams LLP
ATTORNEYS AT LAW
RIVERFRONT PLAZA, EAST TOWER
951 EAST BYRD STREET
RICHMOND, VIRGINIA 23219-4074
TEL 804 • 788 • 8200
FAX 804 • 788 • 8218

Invoice #102121047
June 26, 2017
29142.050001

Utility Water Act Group

FOR MEMBERSHIP DUES, based on services rendered by Hunton & Williams,
and charges associated with those services, through May 2017 in connection
with the regulation of the electric utility industry by the Environmental
Protection Agency.

Consultant Charges	\$	193.86
Legal Fees and Expenses	\$	8,899.94
Credit	\$	0
TOTAL DUE	\$	9,093.80

LGE - 3,455.64

KU - 5,638.16

Please include our file number with your remittance. Mail your check, payable to Hunton & Williams LLP, to: Hunton & Williams LLP, Accounting Department, UWAG Payment, Riverfront Plaza-East Tower, 951 East Byrd Street, Richmond, VA 23219-4074.

Robert J. Ehrler, Esq.
Senior Counsel & Environmental
Policy Manager
LG&E and KU Energy
Environmental Affairs
Louisville, KY 40202

IN ACCOUNT WITH
Hunton & Williams LLP
ATTORNEYS AT LAW
RIVERFRONT PLAZA, EAST TOWER
951 EAST BYRD STREET
RICHMOND, VIRGINIA 23219-4074
TEL 804 • 788 • 8200
FAX 804 • 788 • 8218

Invoice #102122602
July 28, 2017
29142.050001

Utility Water Act Group

FOR MEMBERSHIP DUES, based on services rendered by Hunton & Williams, and charges associated with those services, through June 2017 in connection with the regulation of the electric utility industry by the Environmental Protection Agency.

Consultant Charges	\$	0.00
Legal Fees and Expenses	\$	8,288.56
Credit from May Invoice	\$	(124.47)
TOTAL DUE	\$	8,164.09

LGE - 3,162.35

KU - 5,061.74

Please include our file number with your remittance. Mail your check, payable to Hunton & Williams LLP, to: Hunton & Williams LLP, Accounting Department, UWAG Payment, Riverfront Plaza-East Tower, 951 East Byrd Street, Richmond, VA 23219-4074.

Robert J. Ehrlar, Esq.
Senior Counsel & Environmental
Policy Manager
LG&E and KU Energy
Environmental Affairs
Louisville, KY 40202

IN ACCOUNT WITH
Hunton & Williams LLP
ATTORNEYS AT LAW
RIVERFRONT PLAZA, EAST TOWER
951 EAST BYRD STREET
RICHMOND, VIRGINIA 23219-4074
TEL 804 • 788 • 8200
FAX 804 • 788 • 8218

Invoice #102124457
August 30, 2017
29142.050001

Utility Water Act Group

FOR MEMBERSHIP DUES, based on services rendered by Hunton & Williams,
and charges associated with those services, through July 2017 in connection
with the regulation of the electric utility industry by the Environmental
Protection Agency.

Consultant Charges	\$	0.00
Legal Fees and Expenses	\$	9,698.13
Credit	\$	0
TOTAL DUE	\$	9,698.13

LGE - 3,782.27

KU - 5,915.86

Please include our file number with your remittance. Mail your check, payable to Hunton & Williams LLP, to: Hunton & Williams LLP, Accounting Department, UWAG Payment, Riverfront Plaza-East Tower, 951 East Byrd Street, Richmond, VA 23219-4074.

Robert J. Ehrler, Esq.
Senior Counsel & Environmental
Policy Manager
LG&E and KU Energy
Environmental Affairs
Louisville, KY 40202

IN ACCOUNT WITH
Hunton & Williams LLP
ATTORNEYS AT LAW
RIVERFRONT PLAZA, EAST TOWER
951 EAST BYRD STREET
RICHMOND, VIRGINIA 23219-4074
TEL 804 • 788 • 8200
FAX 804 • 788 • 8218

Invoice #102125945
October 2, 2017
29142.050001

Utility Water Act Group

FOR MEMBERSHIP DUES, based on services rendered by Hunton & Williams,
and charges associated with those services, through August 2017 in
connection with the regulation of the electric utility industry by the
Environmental Protection Agency.

Consultant Charges	\$	0.00
Legal Fees and Expenses	\$	11,016.42
Credit	\$	0
TOTAL DUE	\$	11,016.42

LGE - 4,296.40

KU - 6,720.02

Please include our file number with your remittance. Mail your check, payable to Hunton & Williams LLP, to: Hunton & Williams LLP, Accounting Department, UWAG Payment, Riverfront Plaza-East Tower, 951 East Byrd Street, Richmond, VA 23219-4074.

Robert J. Ehrler, Esq.
Senior Counsel & Environmental
Policy Manager
LG&E and KU Energy
Environmental Affairs
Louisville, KY 40202

IN ACCOUNT WITH
Hunton & Williams LLP
ATTORNEYS AT LAW
RIVERFRONT PLAZA, EAST TOWER
951 EAST BYRD STREET
RICHMOND, VIRGINIA 23219-4074
TEL 804 • 788 • 8200
FAX 804 • 788 • 8218

Invoice #102127227
October 26, 2017
29142.050001

Utility Water Act Group

FOR MEMBERSHIP DUES, based on services rendered by Hunton & Williams, and charges associated with those services, through September 2017 in connection with the regulation of the electric utility industry by the Environmental Protection Agency.

Consultant Charges	\$	0.00
Legal Fees and Expenses	\$	10,791.88
Credit	\$	0
TOTAL DUE	\$	10,791.88

LGE - 4,208.83
KU - 4,583.05

Please include our file number with your remittance. Mail your check, payable to Hunton & Williams LLP, to: Hunton & Williams LLP, Accounting Department, UWAG Payment, Riverfront Plaza-East Tower, 951 East Byrd Street, Richmond, VA 23219-4074.



Edison Electric Institute
701 Pennsylvania Avenue, N.W.
Washington, DC 20004-2696
USA
A/R Phone Number : (202) 508 5428
A/R E-Mail : accountsreceivable@eei.org

Mr. William Paul Puckett
Sr. Environmental Engineer
LG&E and KU Energy
220 W Main Street
Louisville, KY 40202-0000

Invoice

Invoice # : 210212
Invoice Date: 01/16/2018

Description	Quantity	Price	Discount	Amount
2018 USWAG Membership Dues - Mr. William Paul Puckett	1	\$68,175.00	\$0.00	\$68,175.00

RECEIVED

JAN 26 2018

ACCOUNTS PAYABLE

This invoice is for the 2018 Utility Solid Waste Activities Group (USWAG) Membership Dues. The portion of 2018 membership dues relating to influencing legislation, which is not deductible for federal income tax purposes is estimated to be 3%. If you have questions concerning the USWAG program, please contact Jim Roewer, at 202-508-5645. If you have questions regarding payment for this invoice, please contact Carol Scates, in EEI's Internal Accounting Department, at 202-508-5428.

Invoice Total	\$68,175.00
Taxes	\$0.00
Amount Paid	\$0.00
PLEASE PAY	\$68,175.00

PLEASE DETACH AND REMIT WITH YOUR PAYMENT

Invoice# : 210212

LG&E and KU Energy
220 W Main Street
Louisville, KY 40202-0000

LGE - \$ 26,588.25
KU - \$ 41,586.75

Payment Method

Check: Made payable to Edison Electric Institute

Please note you are responsible for any ACH or wiring fees.



Edison Electric Institute
701 Pennsylvania Avenue, N.W.
Washington, DC 20004-2696
USA

A/R Phone Number : (202) 508 5428
A/R E-Mail : accountsreceivable@eei.org

Mr. W. Michael Winkler
LG&E and KU Energy
220 W Main Street
Louisville, KY 40202-0000

Invoice

Invoice # : 194276
Invoice Date: 01/25/2017

Description	Quantity	Price	Discount	Amount
2017 USWAG Membership Dues	1	\$67,500.00	\$0.00	\$67,500.00


This invoice is for the 2017 Utility Solid Waste Activities Group (USWAG) Membership Dues. The portion of 2017 membership dues relating to influencing legislation, which is not deductible for federal income tax purposes is estimated to be 3%. If you have questions concerning the USWAG program, please contact Gayle Novak, at 202-508-5654. If you have questions regarding payment for this invoice, please contact Carol Ray, in EEI's Internal Accounting Department, at 202-508-5428.

Invoice Total	\$67,500.00
Taxes	\$0.00
Amount Paid	\$0.00
PLEASE PAY	\$67,500.00

PLEASE DETACH AND REMIT WITH YOUR PAYMENT

Invoice #: 194276
LG&E and KU Energy
220 W Main Street
Louisville, KY 40202-0000

LGE - \$21,600
KU - \$45,900

Payment Method
Check: Made payable to Edison Electric Institute

Please note you are responsible for any ACH or wiring fees.



ACAA 2018 Membership Dues Invoice

Make payment to "ACAA" - 38800 Country Club Drive, Farmington Hills, MI 48331 - Phone: (720) 870-7897

RECEIVED

OCT 16 2017

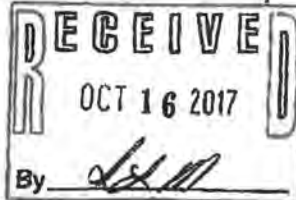
Member Primary Point of Contact:

Billing Contact (If other than Primary POC):

LG&E and KU Services Company

Kenneth Tapp
By-Products Coordinator
220 West Main Street, 4th Floor
Louisville KY 40202

Billing POC:



Phone: (502) 627-3154

Email: kenny.tapp@lge-ku.com

Invoice Date: 11/1/2017	Processing Rep: ajb	ACAA Tax ID: [REDACTED]	Invoice Number: lg&e2018
Invoice Detail:			
Unadjusted Dues:	\$15,000.00	Dues For:	Utility 2018 Category U Member Dues
Discount (If Applied)	0.00%	Terms:	On Receipt
Total Due:	\$15,000.00	Invoice	
Paid To Date:	\$0.00	Comments:	
Balance Remaining:	\$15,000.00	Date Paid (ACAA Use Only)	

Thank you for your continuing support of ACAA and the CCP Industry!

LGE - 7,200

KU - 7,800



Members are encouraged to consider making a tax deductible donation to the ACAA Educational Foundation (501(c)(3)). The Foundation promotes the sponsorship of educational conferences and scholarships and support of educational and scientific publications and activities related to the beneficial use of coal combustion products.

Donations to the Foundation should be made out to: "ACAA Educational Foundation" and mailed to the ACAA office.

Donation Amount: _____

A receipt for your donation will be sent to your organization's primary point of contact addressed above unless you request otherwise.



American Coal Ash Association

Advancing the management and
use of coal combustion products.

October 2017

To All ACAA Members:

It is time to renew your membership in the American Coal Ash Association. We thank you for your support in 2017 and ask for your continued support in 2018. As you consider your investment in the mission of the ACAA we ask you to consider the following facts.

- The markets for beneficial use of coal combustion products (CCP) continue to improve. The most recent data available indicates strong recovery in some markets from the regulatory threat from the U.S. Environmental Protection Agency (EPA). In total, beneficial use is now over 50%. At the beginning of this century the beneficial use rate was just over 29%. The progress is real and substantial.
- As the use of coal as a fuel for generating electricity stabilizes in the 30% to 35% range, availability of CCP is stabilizing as well. Investment in the infrastructure needed to meet market demand is beginning to make a difference. Some increased activity in CCP imports has been noted. Increased interest in reclaiming CCP from surface impoundments and landfills has the potential to meeting the growing demand for CCP. The ACAA has been working hard to inform user groups as to the future availability of the materials that have proven to be so important to our economy.
- With a new administration taking over the federal government in 2017, the ACAA has been actively involved with new management at the EPA to unwind some of the actions of previous management that have been so damaging to our members. Great progress has been made. We are committed to building on this momentum in 2018.
- The 2017 World of Coal Ash was a record-setting event by any standard. Attendance and technical content was well beyond previous records. The strength of this event speaks to the importance and interest in our industry.

In 2018 the ACAA will mark its 50th anniversary. Incorporated in Washington, D.C. on March 8, 1968 as the National Ash Association, the ACAA has served as the voice for the beneficial use industry helping to divert hundreds of millions of tons of CCP from disposal units to uses that are *environmentally responsible, technically appropriate, commercially competitive, and supportive of a more sustainable society*. Our mission remains unchanged and is more important than ever.

We hope you will elect to renew your ACAA membership and help us to continue to advance our mission.

Sincerely,

Thomas H. Adams, Executive Director

September 13, 2017

Carbon Utilization Research Council

1050 Thomas Jefferson Street, NW; Suite 700; Washington, DC 20007

INVOICE

Ms. Caryl Pfeiffer
Director, Corporate Fuels & By-Products
LG&E and KU
220 West Main Street
P.O. Box 32030
Louisville, KY 40202

Enclosed are 2018 membership dues to the Carbon Utilization Research Council in the amount of:

□ 2018 Full Council Membership \$30,000

<15,000>

Please make check payable to:
Carbon Utilization Research Council

15,000

And remit to:

Judy Bernstein
Carbon Utilization Research Council
1050 Thomas Jefferson Street, NW, Suite 700
Washington, DC 20007-3877

LGE - \$7,200

KU - \$7,800

Notification Regarding Nondeductibility of the Portion of Dues Payment Allocable to Lobbying Activities

The Reconciliation Act that was enacted in 1993 eliminated the deduction for lobbying expenses previously available to certain taxpayers under section 162(e) of the Internal Revenue Code, effective for expenses incurred after December 31, 1993. A portion of 2018 dues of the Carbon Utilization Research Council will be allocable to lobbying activities carried on by the council, and therefore will be nondeductible. For 2018, the percentage of each dues payment estimated to be allocable to lobbying expenditures is 50 percent.

CORE MEMBERSHIP RENEWAL FORM



Utilities
Technology
Council™

Current Expiration Date: 9/30/2017

LG&E and KU Services Company
John Pulliam, Telecom Engineer
820 W Broadway,
Louisville, KY 40202-2218

Membership Renewal Notice

UTC's 2018 membership year runs from October 1, 2017 through December 31, 2018. UTC membership fees are based on total gross annual revenues from the most recent fiscal year. Calculate your annual fee based on the table shown below.

ANNUAL REVENUE	MEMBERSHIP DUES
Revenue < \$15	\$625
\$15 < Revenue ≤ \$25M	\$938
\$25M < Revenue ≤ \$50M	\$1,875
\$50M < Revenue ≤ \$100M	\$3,125
\$100M < Revenue ≤ \$250M	\$4,688
\$250M < Revenue ≤ \$500M	\$6,250
\$500M < Revenue ≤ \$750M	\$9,375
\$750M < Revenue ≤ \$1.25B	\$12,500
\$1.25B < Revenue ≤ \$5B	\$18,750
\$5B < Revenue ≤ \$10B	\$25,000
Revenue > \$10B	\$37,500

Please note: Dues are calculated for 15 months of membership for 2018 only. Contributions or gifts to UTC are not deductible as charitable contributions for Federal income tax purposes. However, they may be tax deductible as ordinary and necessary business expenses. For these purposes, UTC estimates that 5% of your membership fee will be allocable to nondeductible lobbying activities during the ensuing fiscal year. UTC offers three effortless ways to renew your organization's membership in the association.

BY UTC Membership
MAIL: P.O. Box 79358
Baltimore, MD 21279-
0358 USA

Please detach lower portion and remit with payment.



Core Membership Renewal: 2017-2018

15 month Dues Calculation:

12 months (15000) + 3 months (3750) = Amount Due: \$ 18750

LGE - 9,750
KU - 9,000

Amount Enclosed = \$ _____

If paying by credit card, please indicate card type: ☐ Visa ☐ MasterCard ☐ American Express

Cardholder's Name	Card Number	Expiration Date
Billing Address	City/State	Zip/Postal Code
Cardholder's Signature		

PLEASE SEND A COPY OF THE INVOICE WITH YOUR PAYMENT

PLEASE MAKE CORRECTIONS TO PRIMARY CONTACT INFORMATION BELOW IF NECESSARY.

Name John Pulliam Title Telecom Engineer

Company LG&E and KU Services Company

Address 820 W Broadway Louisville, KY 40202-2218

Phone:

E-mail Address john.pulliam@lge-ku.com

Questions? Please contact Tiffany Bennett, Membership Manager, at 1.202.833.6822 or tiffany.bennett@utc.org



Linking People, Ideas, Information

Invoice Number	Invoice Description	Invoice Date	Invoice Due Date	Order Number	PO#
684521	<u>Southern Gas Association -</u> <u>Distribution SGA Gas Member</u> <u>(10/01/2016-09/30/2017)</u>	09/15/2016	10/01/2016	440695	

Bill To: 220

LG&E and KU Energy LLC
220 W. Main Street
Louisville, KY 40202

Ship To: 220

LG&E and KU Energy LLC
220 W. Main Street
Louisville, KY 40202

Date	Description	Type	Quantity	Rate	Tax	Tax Rate	Amount
09/15/2016	SGA Distribution Membership	INVLIN	1				17,400.00
12/13/2016	Payment	PAYMENT					-17,400.00
Total Invoice:							17,400.00
Total Payment:							-17,400.00
Balance:							0.00

Southern Gas Association

3030 LBJ Freeway, Suite 1500, Dallas, TX 75234

Phone: 972-620-8505 Fax: 972-620-1613

Email: memberservices@southerngas.org

Kentucky Gas Association

2896 Butterworth Road

P.O. Box 29

Murray, KY 42071

Phone # 800.455.9427

n.morton@kygas.org

Fax # 270.489.0061

www.kygaz.org

Sales Receipt

9/6/2017

1181

Barry R. Walker
 Louisville Gas & Electric Company
 820 West Broadway
 Louisville, KY 40202

		Visa	
		State	
Distribution Corporate Membership Dues Renewal for Fiscal Year 2017 - 2018 for Louisville Gas & Electric Company (Barry R. Walker)		10,000.00	10,000.00
Total			\$10,000.00



Linking People, Ideas, Information

Invoice Number	Invoice Description	Invoice Date	Invoice Due Date	Order Number	PO#
690809	Southern Gas Association (10/01/2017-09/30/2018)	09/27/2017	10/01/2017	443876	

Bill To: 220

LG&E and KU Energy LLC
220 W. Main Street
Louisville, KY 40202

Ship To: 220

LG&E and KU Energy LLC
220 W. Main Street
Louisville, KY 40202

Date	Description	Quantity	Rate	Tax	Tax Rate	Amount
09/27/2017	SGA Distribution Membership	1				17,400.00
10/03/2017	Payment					-17,400.00
Total Invoice:						17,400.00
Total Payment:						-17,400.00
Balance:						0.00

Southern Gas Association

3030 LBJ Freeway, Suite 1500, Dallas, TX 75234

Phone: 972-620-8505 Fax: 972-620-1613

Email: memberservices@southerngas.org

MAR 07 2018



ENTERED

March 1, 2018

Invoice Number: 18-1018

Robert Conroy
Vice President, State Regulation & Rates
LG&E & KU Energy
220 West Main Street
Louisville, KY 40202

Project: SRV21440
Task: DUES COMPANY
Expense Type: 0650
Expense Org: 021440
Signature: 
Approval Signature: 
Approval Date: 3/5/18

Financial Research Institute / Public Utility Division Advisory Board Appointment	
Appointment Term	Amount Due
May 1, 2018 – April 30, 2019	\$10,000.00

Please make your check payable to: **University of Missouri-FRI/PUD**

The University of Missouri/FRI's tax identification number is [REDACTED]

Mail payment to: Financial Research Institute/Public Utility Division
Trulaske College of Business
401A Cornell Hall
Columbia, MO 65211

LGE - \$4,500 (under \$5M)
KU - \$5,500

PLEASE REMIT PAYMENT ON OR BEFORE APRIL 15, 2018

LOUISVILLE GAS AND ELECTRIC COMPANY

**Response to Attorney General's Initial Data Requests for Information
Dated November 13, 2018**

Case No. 2018-00295

Question No. 99

Responding Witness: Christopher M. Garrett

Q-99. Provide any and all documents in the Companies' possession that depict how each Dues Requiring Organization spends the dues it collects, including the percentage that applies to all covered activities.

A-99. See the responses to Question Nos. 94 and 98.

LOUISVILLE GAS AND ELECTRIC COMPANY

Response to Attorney General's Initial Data Requests for Information

Dated November 13, 2018

Case No. 2018-00295

Question No. 100

Responding Witness: Christopher M. Garrett

Q-100. Provide a detailed description of the services each Dues Requiring Organization provided to the Company since the conclusion of the Company's last rate case. Of these services or benefits, state which benefits accrue to ratepayers, and how.

A-100. Company employees participate in various industry associations and organizations as presented in FR 16(8)(f), Sch. F-1 to gain knowledge, training, timely information and experience throughout the industry to allow for the Company to provide service to its customers in the most economical, cost effective, safe and reliable manner. The gaining of industry knowledge through these associations benefits customers through the use of best practices in providing services.

Edison Electric Institute (EEI): The Edison Electric Institute (EEI) is the association that represents all U.S. investor-owned electric companies. EEI provides public policy leadership, strategic business intelligence, and essential conferences and forums.

Electric Power Research Institute (EPRI): EPRI is a non-profit research consortium providing science and technology solutions for the benefit of utility members, their customers, and society. Funding annual Technology Research and Analysis activities is an expected and prudent activity recognized by the Kentucky Public Service Commission. EPRI has organized and provided this activity for member utilities since its founding in 1973. EPRI provides a collaborative research model that provides LG&E and KU leverage on their investment of approximately 20:1. Cutting edge research keeps LG&E and KU aware of significant technology changes and applications to improve operations.

Coal Combustion Residuals (CCR) Legal Resources Group and New Source Review (NSR) Legal Resources Group: This is a group of utilities which have retained common counsel that monitor developments and assess potential liability in the areas of coal combustion residuals and new source review.

Midwest Ozone Group (MOG) and Steptoe & Johnson LLC (agent of MOG): The Midwest Ozone Group (MOG) is an affiliation of companies, trade organizations,

and associations which have drawn upon their collective resources to advance the objective of seeking solutions to the development of a legally and technically sound national ambient air quality program. It is the primary goal of MOG to work with policy makers in evaluating air quality policies by encouraging the use of sound science. As members of the business community, the MOG membership also has a keen interest in assuring that policy makers are appropriately assessing the data and information required to accurately evaluate its emission control strategies.

Utility Air Regulatory Group (UARG): UARG is a not-for-profit association of individual electric generating companies and national trade associations. UARG participates on behalf of its members collectively in Clean Air Act (“CAA”) administrative proceedings that affect electric generators and in litigation arising from those proceedings.

Class of 85 represented by Baker Botts LLP: This group participates on behalf of its members collectively in Clean Air Act (“CAA”) administrative proceedings that affect electric generators and in litigation arising from those proceedings

Utility Water Act Group (UWAG): UWAG is a voluntary, non-profit, unincorporated group of 147 individual energy companies and three national trade associations of energy companies: the Edison Electric Institute, the National Rural Electric Cooperative Association, and the American Public Power Association. The individual energy companies operate power plants and other facilities that generate, transmit, and distribute electricity to residential, commercial, industrial, and institutional customers. UWAG’s purpose is to participate on behalf of its members in EPA’s rulemakings under the Clean Water Act and in litigation arising from those rulemakings.

Utility Solid Waste Activities Group (USWAG): USWAG is responsible for addressing solid and hazardous waste issues on behalf of the utility industry. USWAG was formed in 1978, and is a trade association of over 110 utility operating companies, energy companies and industry associations, including the Edison Electric Institute (EEI), the National Rural Electric Cooperative Association (NRECA), the American Public Power Association (APPA), and the American Gas Association (AGA). USWAG engages in regulatory advocacy pertaining to RCRA, TSCA, and HMTA. USWAG's mission is to address the regulation of utility wastes, byproducts and materials in a manner that protects human health and the environment and is consistent with the business needs of its members.

North American Transmission Forum (NATF) services include:

- Peer Reviews: NATF peer reviews help members improve operations. Review teams comprise subject matter experts from other utility members and staff

that review selected practice areas and cross-functional topics at the utility hosting the review. The teams' final reports include noteworthy positives that are shared with other members and improvement recommendations for the host utility to implement.

- Assistance: Assistance is tailored to a particular member's request or needs by leveraging one or more NATF programs or offerings. NATF subject-matter experts and staff work with host companies to help them develop action plans to improve on selected topics or issues.
- Practices: Groups of subject-matter experts hold monthly web meetings and annual workshops, and write NATF practices and principles of excellence. Groups include: • Compliance • Equipment Performance & Maintenance • Human Performance Improvement • Modeling and Planning • Operator Training • Cyber Security • Physical Security • System Operations • System Protection • Vegetation Management
- Reliability Initiatives: The NATF coordinates activities related to select established or emerging reliability topics in a project based format. Currently there are initiatives on resilience, supply chain risk management, and human performance near-miss database.
- Knowledge Management: The NATF supports the exchange and management of operating experience and reliability data. Secure, effective program tools (databases, scorecards, performance reports, surveys, lessons learned summaries, and operating experience library) and regular working group meetings help facilitate internal peer benchmarking, dissemination of objective performance information, and awareness of key reliability trends and risks.
- Training: The NATF offers web-based resources on select topics chosen and prioritized by members.

American Gas Association ("AGA") services include:

Communications develops informational material for member companies and consumers and coordinates media activity. Educates the public on the safety and benefits of natural gas.

Corporate Affairs provides opportunities for interaction between member companies and the financial community. The focus is to promote interest in the investment opportunities in the industry.

Energy Markets, Analysis, and Standards includes:

1. Energy Markets provides insight and analysis on emerging policies and actions that have the potential of impacting natural gas distribution companies and their customers.
2. Energy Analysis provides analytical support to key areas of focus including natural gas market fundamentals, local gas utility operations and financial

performance, general industry data, critical gas supply/demand developments, winter heating season planning, energy efficiency, greenhouse gas emissions, and other environmental issues.

3. Standards support the development of building energy codes and standards that help enhance natural gas safety.

General and Administrative includes:

1. Office of the President provides senior management guidance for all AGA activities.
2. Human Resources develops and administers employee programs and provides office and personnel services.
3. Finance and Administration develops and administers financial accounting and treasury services and maintains computer services capability.

General Counsel and Regulatory Affairs includes:

1. General Counsel provides legal counsel to the Association.
2. Regulatory Affairs provides members with information on FERC and regulatory developments; prepares testimony, comments, and filings regarding regulatory activities.

Government Affairs and Public Policy provides members with information on legislative developments; prepares testimony, comments, and filings regarding legislative activities, lobbies on behalf of the industry and its customers to achieve the Association's advocacy priorities.

Industry Finance and Administration develops and implements programs in such areas as accounting, human resources, and risk management for member companies.

Operations and Engineering develops and implements programs and practices to meet the operational, safety, and engineering needs of the industry.

University of Louisville Research Foundation Inc.: LG&E and KU Technology Research and Analysis utilizes the research conducted by Efficient Vehicles and Sustainable transportation Systems (EV-STs) to better understand future electric vehicle technologies and needs for supporting Electric Vehicles (EV) charging infrastructure.

LOUISVILLE GAS AND ELECTRIC COMPANY

**Response to Attorney General's Initial Data Requests for Information
Dated November 13, 2018**

Case No. 2018-00295

Question No. 101

Responding Witness: Christopher M. Garrett

Q-101. Provide a list of all presentations, webinar recordings, briefing books, policy memos, and white papers that each Dues Requiring Organization provided to the Companies since the conclusion of their last rate cases.

A-101. The Company objects to this question because it is overly broad and unduly burdensome. Many employees participate in Organization Memberships as presented in FR 16(8)(f), Sch. F. Many of these employees receive almost daily email communications from the organizations. Creating a list of all materials that each of the Organization Memberships provided to the Companies would be unduly burdensome and require an electronic search of emails and electronic files of many custodians, resulting in significant expense.

LOUISVILLE GAS AND ELECTRIC COMPANY

**Response to Attorney General's Initial Data Requests for Information
Dated November 13, 2018**

Case No. 2018-00295

Question No. 102

Responding Witness: Christopher M. Garrett

Q-102. Has the Company included in operating expenses any amount for: (i) EEI Media Communications, and (ii) any similar division of any other Dues Requiring Organization?

- a. If so, state the amount, indicate in which account this has been recorded, and provide a citation to any and all Commission Orders or other authority upon which the Company relies for the inclusion of such expense in the test period.
- b. If not, provide an estimate of how much of the Company's dues are being spent on media or public relations work.

A-102. As stated in the response to Question No. 92, the Company has excluded the appropriate amount of unrecoverable dues based on the information provided on the 2018 invoice from EEI.

LOUISVILLE GAS AND ELECTRIC COMPANY

**Response to Attorney General's Initial Data Requests for Information
Dated November 13, 2018**

Case No. 2018-00295

Question No. 103

Responding Witness: Christopher M. Garrett

Q-103. State whether the Company is aware whether any portion of the dues it pays to any Dues Requiring Organization are utilized to pay for any of the following expenditures, and if so, provide complete details:

- a. Influencing federal or Kentucky legislation;
- b. Any media advertising campaigns backing the Companies' or the Dues Requiring Organization's position on net metering;
- c. Expenditures on "We Stand For Energy," or "Defend My Dividend," public relations, advocacy efforts or other covered activities;
- d. Contributions from EEI, EPRI or other Dues Requiring Organizations to third-party organizations and contractors including any of the expenditures identified in a. – c., above.

A-103. The Company has excluded the appropriate amount of unrecoverable dues based on the information provided on the 2018 invoice from EEI. EPRI does not engage in any covered activities.

LOUISVILLE GAS AND ELECTRIC COMPANY

**Response to Attorney General's Initial Data Requests for Information
Dated November 13, 2018**

Case No. 2018-00295

Question No. 104

Responding Witness: Robert M. Conroy

Q-104. Since the conclusion of the Company's last rate case, how much has EEI paid for its efforts to "rebrand" the utility industry? Include in your response payments to external public relations firms as well as the associated salary to any EEI staff involved in contracting, coordinating with, or promulgating internally or externally the rebranding campaign effort.¹⁰

A-104. LG&E does not collect and retain the requested information for its corporate files. See the response to Question No. 98.

¹⁰ See, e.g., https://www.huffingtonpost.com/entry/messaging-utilities-solar-power_us_56f45cd6e4b014d3fe22b572

LOUISVILLE GAS AND ELECTRIC COMPANY

**Response to Attorney General's Initial Data Requests for Information
Dated November 13, 2018**

Case No. 2018-00295

Question No. 105

Responding Witness: Robert M. Conroy

Q-105. Do the Company's EEI dues contribute to the salary, benefits and expenses of the EEI Executive Vice President for Public Policy and External Affairs, or any other EEI officer or employee who has led an effort EEI undertook to rebrand the utility industry?

A-105. LG&E does not collect and retain the requested information for its corporate files. See the response to Question No. 98.

LOUISVILLE GAS AND ELECTRIC COMPANY

**Response to Attorney General's Initial Data Requests for Information
Dated November 13, 2018**

Case No. 2018-00295

Question No. 106

Responding Witness: Daniel K. Arbough

Q-106. List all travel and entertainment expenses that Company employees incurred in the base period and are included in the forecast period, or that are expected to be incurred and included in the forecast period, in relation to Dues Requiring Organization activities. Show accounts, amounts, descriptions, person, job title and reason for the expense. Provide a copy of applicable employee time and expense reports and invoices documenting such expenses.

A-106. In general the request seeks information that the Company does not identify and retain in the categories requested. Travel expenses are not organized according to attendance at seminars and training events held by the various professional organizations. The request requires a significant amount of original work and cannot be completed within the time provided for the response. Entertainment expenses are typically not reimbursable and if so are booked below the line.

LOUISVILLE GAS AND ELECTRIC COMPANY

**Response to Attorney General's Initial Data Requests for Information
Dated November 13, 2018**

Case No. 2018-00295

Question No. 107

Responding Witness: Christopher M. Garrett

Q-107. Is the Company relying upon any NARUC reports or other studies for the exclusion from or inclusion in rates of a portion of its dues payable to EEI, or to any other Dues Requiring Organization? If so, please provide a copy of such report and indicate how the report's recommendations have been included in its filing.

A-107. See the response to Question No. 91.

LOUISVILLE GAS AND ELECTRIC COMPANY

**Response to Attorney General's Initial Data Requests for Information
Dated November 13, 2018**

Case No. 2018-00295

Question No. 108

Responding Witness: Christopher M. Garrett

Q-108. Do any of the Company's personnel actively participate on Committees and/or perform any other work for any Dues Requiring Organization or any other industry organization to which the Company belongs, including but not limited to EEI?

- a. If so, state specifically which employees participate, how they are compensated for their time (amount and source of compensation), and the purpose and accomplishments of any such association related work.
- b. List any and all reimbursements received from industry associations, for work performed for such organizations by Company employees.

A-108. Company employees participate in various industry associations and organizations to gain knowledge, training, timely information and experience throughout the industry to allow for the Company to provide service to its customers in the most economical, cost effective, safe and reliable manner. The gaining of industry knowledge through these associations benefits customers through the use of best practices in providing services.

- a. With one limited exception relating to contractual work for EPRI, employees are not compensated by industry organizations for participation on committees. See the response part b.
- b. With regard to the EPRI work referenced in part a. above, since 2016, the Company has been reimbursed by EPRI for work paid to three regular, full-time employees beyond their normal compensation. Reimbursement from EPRI was also received for work paid to a temporary employee.

LOUISVILLE GAS AND ELECTRIC COMPANY

**Response to Attorney General's Initial Data Requests for Information
Dated November 13, 2018**

Case No. 2018-00295

Question No. 109

Responding Witness: Christopher M. Garrett

Q-109. State whether any portion of LG&E's dues paid to the American Gas Association ("AGA") are used by the AGA for any of the following:

- a. public affairs and/or lobbying;
- b. media communications and national advertising;
- c. institutional advertising to enhance the image of the gas industry;
- d. general promotional advertising to promote the use of natural gas over other resources;
- e. gas-fired equipment promotions, including residential equipment such as furnaces, ranges, water heaters, and commercial and industrial gas equipment;
- f. promotions of power generation gas equipment.

A-109. See the response to Question No. 95 for the breakout of operating expenses provided by AGA.